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WATER SUPPLY OUTLOOK FOR IDAHO

and
FEDERAL - STATE - PRIVATE COOPERATIVE SNOW SURVEYS

UNITED STATES DEPARTMENT of AGRICULTURE...SOIL CONSERVATION SERVICE,
and
IDAHO STATE RECLAMATION ENGINEER

Data included in this report were obtained by the agencies named above
in cooperation with Federal, State and private organizations listed in-
side the back cover of this report.

AS OF
MAY 1, 1967

TO RECIPIENTS OF WATER SUPPLY OUTLOOK REPORTS:

Most of the usable water in western states originates as mountain snowfall. This snowfall accumulates during the winter and spring, several months before the snow melts and appears as streamflow. Since the runoff from precipitation as snow is delayed, estimates of snowmelt runoff can be made well in advance of its occurrence. Streamflow forecasts published in this report are based principally on measurement of the water equivalent of the mountain snowpack.

Forecasts become more accurate as more of the data affecting runoff are measured. All forecasts assume that climatic factors during the remainder of the snow accumulation and melt season as they affect runoff will add to be an effective average. Early season forecasts are therefore subject to a greater change than those made on later dates.

The snow course measurement is obtained by sampling snow depth and water equivalent at surveyed and marked locations in mountain areas. A total of about ten samples are taken at each location. The average of these are reported as snow depth and water equivalent. These measurements are repeated in the same location near the same dates each year.

Snow surveys are made monthly or semi-monthly from January 1 through June 1 in most states. There are about 1400 snow courses in Western United States and in the Columbia Basin in British Columbia. In the near future, it is anticipated that automatic snow water equivalent sensing devices along with radio telemetry will provide a continuous record of snow water equivalent at key locations.

Detailed data on snow course and soil moisture measurements are presented in state and local reports. Other data or reservoir storage, summaries of precipitation, current streamflow, and soil moisture conditions at valley elevations are also included. The report for Western United States presents a broad picture of water supply outlook conditions, including selected streamflow forecasts, summary of snow accumulation to date, and storage in larger reservoirs.

Snow survey and soil moisture data for the period of record are published by the Soil Conservation Service by states about every five years. Data for the current year is summarized in a West-wide basic data summary and published about October 1 of each year.

Listed below are water supply outlook reports based on Federal-State-Private Cooperative snow surveys. Those published by the Soil Conservation Service may be obtained from Soil Conservation Service, Room 507, Federal Building, 701 N. W. Glisan, Portland, Oregon 97209.

PUBLISHED BY SOIL CONSERVATION SERVICE D. A. WILLIAMS, Administrator

The Soil Conservation Service publishes reports following the principal snow survey dates from January 1 through June 1 in cooperation with state water administrators, agricultural experiment stations and others. Copies of the reports for Western United States and all state reports may be obtained from Soil Conservation Service, Western Regional Technical Service Center, Room 507, 701 N. W. Glisan, Portland, Oregon 97209.

Copies of state and local reports may also be obtained from state offices of the Soil Conservation Service in the following states:

| STATE | ADDRESS |
|--------------------|---|
| Alaska | P. O. Box "F", Palmer, Alaska 99645 |
| Arizona | 6029 Federal Building, Phoenix, Arizona 85205 |
| Colorado (N. Mex.) | 12417 Federal Building, Denver, Colorado 80202 |
| Idaho | P. O. Box 38, Boise, Idaho 83701 |
| Montana | P. O. Box 855, Bozeman, Montana 59715 |
| Nevada | P. O. Box 4850, Reno Nevada 89505 |
| Oregon | 1218 S. W. Washington St., Portland, Oregon 97205 |
| Utah | 4001 Federal Building, Salt Lake City, Utah 84111 |
| Washington | 840 Bon Marche Bldg., Spokane, Washington 99206 |
| Wyoming | P. O. Box 340, Casper, Wyoming 82602 |

PUBLISHED BY OTHER AGENCIES

Water Supply Outlook reports prepared by other agencies include a report for California by the Water Supply Forecast and Snow Surveys Unit, California Department of Water Resources, P. O. Box 388, Sacramento, California 95802 --- and for British Columbia by the Department of Lands, Forests and Water Resources, Water Resources Service, Parliament Building, Victoria, British Columbia



WATER SUPPLY OUTLOOK
and
FEDERAL - STATE - PRIVATE COOPERATIVE SNOW SURVEYS
for
IDAHO

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BOISE, IDAHO

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WATER SUPPLY OUTLOOK for IDAHO



GENERAL SUMMARY FOR MAY 1, 1967

Snowfall during the month of April was unusually heavy. Water content of the snow pack continued to increase on practically all snow courses when it would ordinarily be melting. These storms were welcome in the areas south of the Snake River facing drought conditions, but have added to the problems inherent in the record breaking snow pack on the Kootenai River in northern Idaho and Canada. Temperatures during the month were also at record lows throughout the state which reduced streamflow far below normal. This poses a special problem on rivers with a high water potential because more water will now have to come down in considerably less time.

The record breaking snow pack on the Kootenai River is interpreted by the River Forecast Center of the Weather Bureau to be a flood stage of between 34 and 37 feet at Bonners Ferry. This is among the highest years of record. Their interpretation is that a flood potential also exists on the Big Lost, Little Wood, Big Wood, and Little Salmon Rivers. Automatic radio reports from the mountains throughout Idaho show that the snow pack is still increasing. The cool temperatures during April have kept the snow pack from ripening which delays the snow-melt considerably more even after warm, normal conditions return.

Soil moisture conditions at high elevations have not changed because the major snow-melt of the season has not yet started. Unusually dry soil remains beneath the heavy snow pack. However, the unusual snow-fall during April has more than made up for the deficiency of moisture in the soil profile. The forecasts have been adjusted for dry soil moisture conditions. The valley and foothill mountain snow cover has melted but did not increase streamflow normally because of the dry soil and cold weather.

Reservoir-stored water throughout the state is generally well below normal. On many rivers, stored water was used for the entire month of April because irrigation demands were up and inflow to the reservoirs was below this demand.

Valley precipitation was variable throughout Idaho but in general was close to normal.

The major snow melt for 1967, which has not yet started, may result in problems of high water on some rivers north of the Snake River and below normal streamflow south of the Snake River.

RESERVOIR STORAGE (1,000 Ac. Ft.)

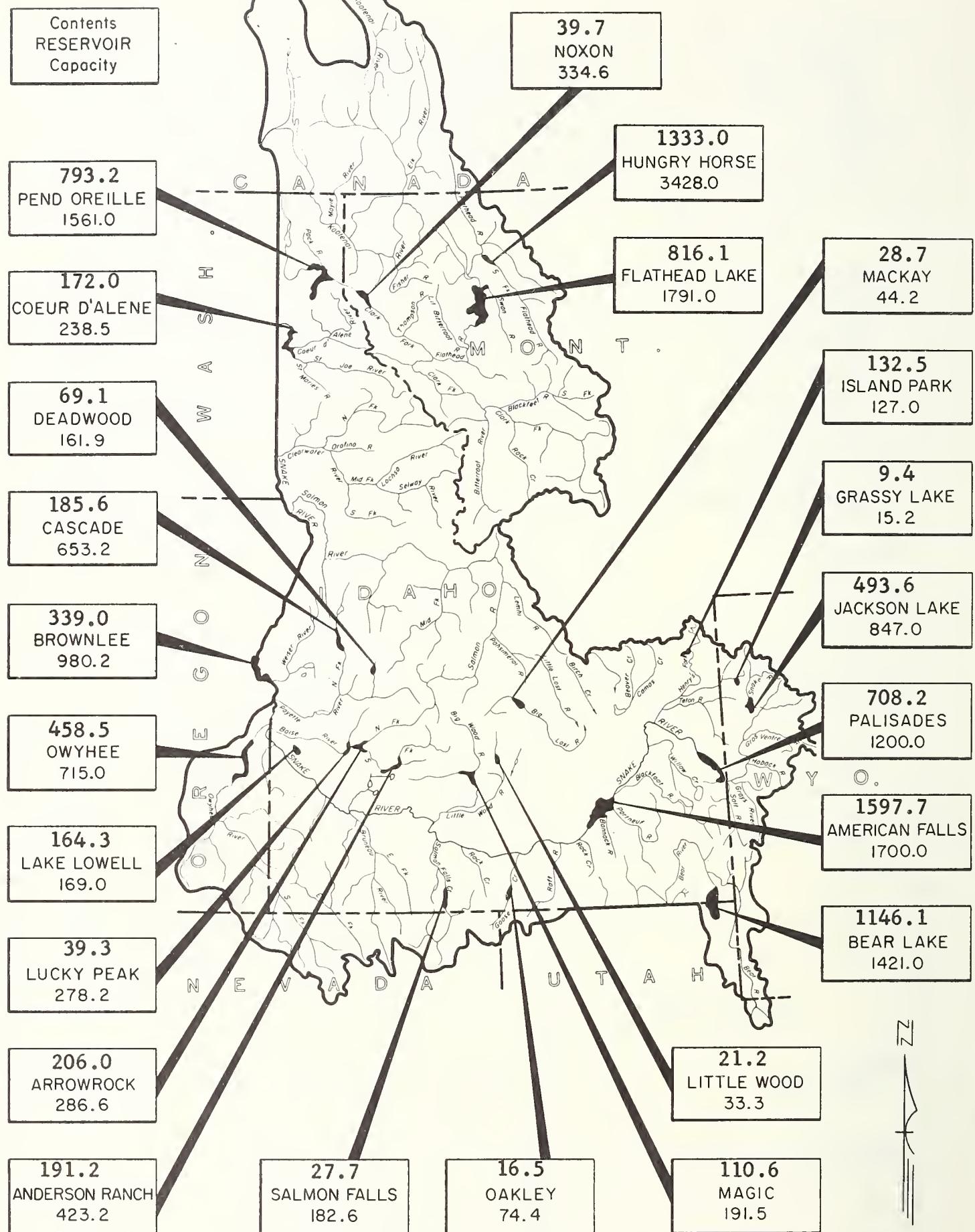
| RESERVOIR | USABLE CAPACITY | MEASURED (First of Month) | | |
|----------------------------------|-----------------|---------------------------|-----------|-----------------|
| | | THIS YEAR | LAST YEAR | 1948-62 AVERAGE |
| <u>UPPER COLUMBIA BASIN</u> | | | | |
| <u>Clark Fork - Pend Oreille</u> | | | | |
| Hungry Horse | 3428.0 | 1333.0 | 2437.0 | 2097.0* |
| Flathead | 1791.0 | 816.1 | 818.5 | 968.0 |
| Pend Oreille | 1561.0 | 793.2 | 955.2 | 860.1 |
| Noxon | 334.6 | 39.7 | 95.0 | -- |
| <u>Spokane</u> | | | | |
| Coeur d'Alene | 238.5 | 172.0 | 186.2 | 347.8 |
| <u>SNAKE BASIN</u> | | | | |
| <u>Snake</u> | | | | |
| Jackson Lake | 847.0 | 493.6 | 673.8 | 422.9 |
| Palisades | 1200.0 | 708.2 | 1142.2 | -- |
| American Falls | 1700.0 | 1597.7 | 1519.2 | 1625.1 |
| Island Park | 127.0 | 132.5 | 133.0 | 127.4 |
| Grassy Lake | 15.2 | 9.4 | 9.5 | 12.4 |
| Brownlee | 980.2 | 339.0 | 902.8 | -- |
| <u>Goose-Trapper Creeks</u> | | | | |
| Oakley | 74.4 | 16.5 | 28.4 | 25.5 |
| <u>Salmon Falls Creek</u> | | | | |
| Salmon Falls | 182.6 | 27.7 | 62.6 | 47.4 |
| <u>Big Lost</u> | | | | |
| Mackay | 44.2 | 28.7 | 43.3 | 33.3 |
| <u>Big Wood</u> | | | | |
| Magic | 191.5 | 110.6 | 191.5 | 171.1 |
| <u>Little Wood</u> | | | | |
| Little Wood | 30.0 | 21.2 | 30.1 | 18.2* |
| <u>Fish Creek</u> | | | | |
| Carey Valley | 14.4 | 14.0 | 14.0 | -- |
| <u>Boise</u> | | | | |
| Anderson Ranch | 423.2 | 191.2 | 398.7 | 239.7 |
| Arrowrock | 286.6 | 206.0 | 258.6 | 201.7 |
| Lucky Peak | 278.2 | 39.3 | 232.4 | 198.4* |
| Lake Lowell (Deer Flat) | 169.0 | 164.3 | 126.2 | 157.9 |
| <u>Owyhee</u> | | | | |
| Owyhee | 715.0 | 458.5 | 631.9 | 553.6 |
| <u>Payette</u> | | | | |
| Cascade | 653.2 | 185.6 | 495.5 | -- |
| Deadwood | 161.9 | 69.1 | 125.0 | 85.0 |
| <u>GREAT BASIN</u> | | | | |
| <u>Bear</u> | | | | |
| Bear Lake | 1421.0 | 1146.1 | 1239.0 | 983.5 |
| *Period of Record. | | | | |

RESERVOIR STORAGE

USABLE CONTENTS (1,000 Acre Feet)

MAY 1, 1967

50 0 50 100 150
SCALE IN MILES

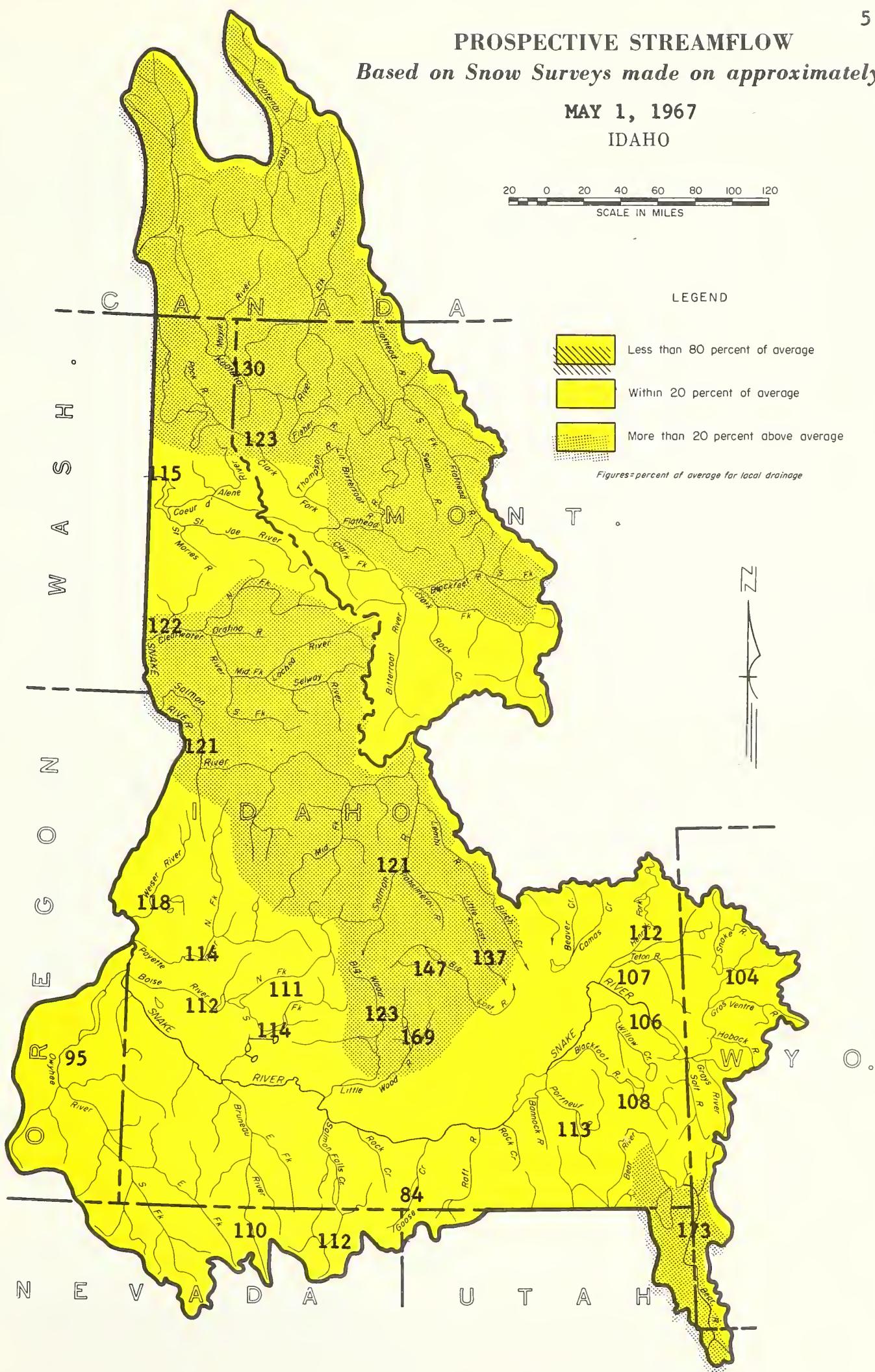


PROSPECTIVE STREAMFLOW
Based on Snow Surveys made on approximately

MAY 1, 1967

IDAHO

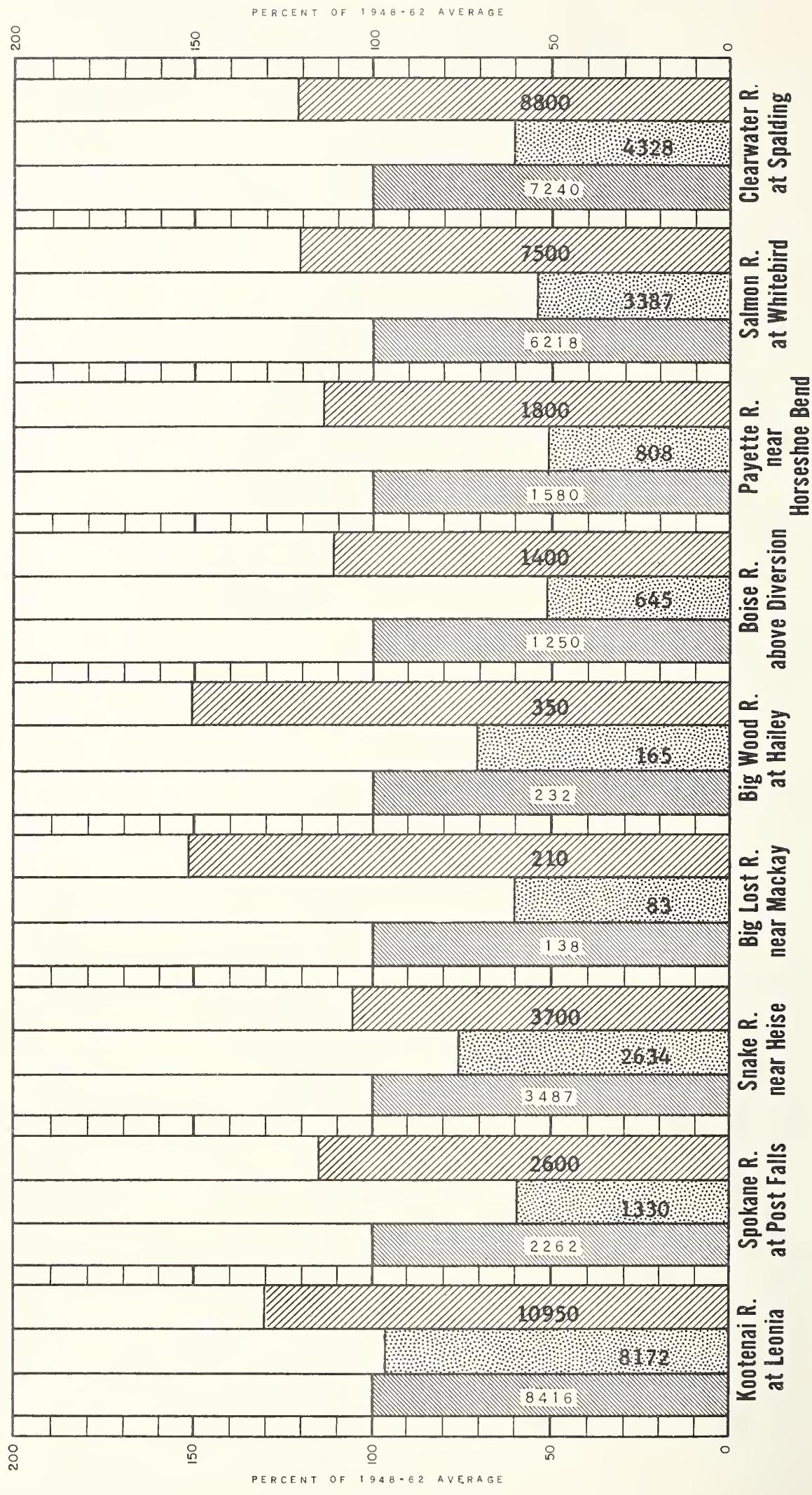
20 0 20 40 60 80 100 120
SCALE IN MILES



STREAMFLOW FORECASTS (May through September period)

Based on Snow Surveys made on approximately

15 YR. AVERAGE FLOW 1948-62 THIS YEARS FORECAST
 LAST YEARS FLOW 123 FLOW IN THOUSANDS OF ACRE FEET



STREAMFLOW FORECASTS^c(1,000 Ac. Ft.)

| STREAM and/or FORECAST POINT | FORECAST THIS YEAR | FORECAST PERIOD | LAST YEAR | 1948-1962 AVERAGE | THIS YEAR AS PERCENT OF AVERAGE |
|--------------------------------|--------------------|-------------------------|-------------------------------|----------------------|---------------------------------|
| <u>UPPER COLUMBIA BASIN</u> | | | | | |
| <u>KOOTENAI RIVER</u> | | | | | |
| Leonia | (at) | 10950 9450 7400 | May-Sep May-Jul May-Jun | 8172 7152 5556 | 8416 7268 5690 |
| | | | | | 130 130 130 |
| <u>PEND OREILLE RIVER</u> | | | | | |
| <u>Clark Fork River</u> | | | | | |
| Whitehorse Rapids | (at) | 15460 14000 11750 | May-Sep May-Jul May-Jun | 9516 8558 7132 | 12580 11369 9499 |
| | | | | | 123 123 123 |
| <u>Priest River</u> | | | | | |
| Priest River 1/ | (nr) | 820 | May-Jul | 574 | 745 |
| | | | | | 110 |
| <u>SPOKANE RIVER</u> | | | | | |
| Post Falls 2/ | (at) | 2600 | May-Sep | 1330 | 2262 |
| | | | | | 115 |
| <u>Coeur d'Alene River</u> | | | | | |
| Cataldo | (nr) | 990 925 | May-Sep May-Jul | 536 492 | 886 825 |
| | | | | | 112 112 |
| <u>St. Joe River</u> | | | | | |
| Calder | (at) | 1230 1150 | May-Sep May-Jul | 750 694 | 1099 1029 |
| | | | | | 112 112 |
| <u>SNAKE RIVER BASIN</u> | | | | | |
| <u>SNAKE RIVER - MAIN STEM</u> | | | | | |
| Moran 3/ | (at) | 900 | Apr-Sep | -- | 865 |
| Heise 4/ | (nr) | 3700 | May-Sep | 2634 | 3487 |
| Blackfoot 5/ | (nr) | 3820 | May-Jul | 2488 | 3602 |
| Weiser | (at) | 4250 | May-Sep | 3290 | 5332 |
| | | | | | 104 106 106 80 |
| <u>Henry's Fork</u> | | | | | |
| Ashton 6/ | (nr) | 570 | May-Sep | 443 | 508 |
| Rexburg 7/ | (nr) | 1225 | May-Sep | 822 | 1113 |
| | | | | | 112 110 |
| <u>Teton River</u> | | | | | |
| St. Anthony | (nr) | 380 | May-Sep | 274 | 355 |
| | | | | | 107 |
| <u>Blackfoot River</u> | | | | | |
| Blackfoot | | | | | |
| Reservoir Inflow | | 110 | Apr-Sep | -- | 102 |
| | | | | | 108 |

(c) Assuming normal meteorological conditions. 1/ Observed flow corrected for storage in Priest Lake.
 2/ Observed flow corrected for storage in Coeur d'Alene Lake and diversions by Spokane Valley Farms Company and Rathdrum Prairie canals. 3/ Corrected for storage in Jackson Lake. 4/ Corrected for storage in Jackson Lake and Palisades. 5/ Corrected for storage in Jackson Lake, Palisades, Island Park, Henry's Lake, Grassy Lake and diversions between Heise and Blackfoot. 6/ Corrected for storage in Henry's Lake and Island Park Reservoir. 7/ Corrected for storage in Henry's Lake, Island Park, Grassy Lake and diversions between Ashton and Rexburg.

STREAMFLOW FORECASTS^c(1,000 Ac. Ft.)

| STREAM and/or FORECAST POINT | | FORECAST THIS YEAR | FORECAST PERIOD | LAST YEAR | 1948-1962 AVERAGE | THIS YEAR AS PERCENT OF AVERAGE |
|--------------------------------|------|--------------------|-----------------|-----------|-------------------|---------------------------------|
| <u>Portneuf River</u> | | | | | | |
| Topaz | (at) | 70 | May-Sep | 51 | 62 | 113 |
| <u>Oakley Reservoir Inflow</u> | | 15 | May-Sep | 5.5 | 17.9 | 84 |
| <u>Salmon Falls Creek</u> | | | | | | |
| San Jacinto | (nr) | 55 | May-Sep | 16 | 49 | 112 |
| | | 52 | May-Jul | 13 | 46 | 113 |
| <u>Bruneau River</u> | | | | | | |
| Hot Springs | (nr) | 165 | May-Sep | 47 | 150 | 110 |
| <u>Little Lost River</u> | | | | | | |
| Howe | (nr) | 40 | May-Sep | 26 | 29 | 137 |
| <u>Big Lost River</u> | | | | | | |
| Howell Ranch | (at) | 245 | May-Sep | 93 | 170 | 144 |
| | | 175 | May-Jun | 68 | 120 | 146 |
| Mackay 1/ | (nr) | 210 | May-Sep | 83 | 143 | 147 |
| <u>Big Wood River</u> | | | | | | |
| Hailey 2/ | (at) | 350 | May-Sep | 165 | 284 | 123 |
| Magic Reservoir | | | | | | |
| Inflow 3/ | | 200 | May-Jul | 53 | 162 | 123 |
| <u>Little Wood River</u> | | | | | | |
| High Five Creek | (ab) | 100 | May-Sep | 34 | 59 | 169 |
| <u>Boise River</u> | | | | | | |
| Twin Springs | (nr) | 680 | May-Sep | 309 | 613 | 111 |
| | | 620 | May-Jul | 277 | 561 | 111 |
| Boise 4/ | (nr) | 1400 | May-Sep | 645 | 1250 | 112 |
| <u>South Fork</u> | | | | | | |
| Anderson Dam 5/ | (at) | 550 | May-Sep | 248 | 483 | 114 |
| <u>Owyhee River</u> | | | | | | |
| Gold Cr., Nev. 6/ | (nr) | 8 | May-Jul | 6 | 10 | 80 |
| Owyhee, Nev. 6/ | (nr) | 34 | May-Jul | 21 | 42 | 81 |
| Lake Owyhee | | 175 | May-Sep | -- | 184 | 95 |
| net inflow 7/ | | 152 | May-Jul | -- | 168 | 90 |
| <u>Jordan Creek</u> | | | | | | |
| Lone Tree Creek | (ab) | 100 | May-Jul | -- | 98 | 102 |

(c) Assuming normal meteorological conditions. 1/ Observed flow corrected for storage in Mackay Reservoir and diversion in Sharp Ditch. 2/ Combined discharge of Big Wood River and Big Wood Slough corrected for diversions. 3/ Combined flow Big Wood River nr. Bellevue and Camas Creek nr. Blaine. 4/ Corrected for storage in Arrowrock, Anderson Ranch and Lucky Peak. 5/ Corrected for storage in Anderson Ranch Reservoir. 6/ Corrected for storage in Wild Horse Reservoir. 7/ From U.S.B.R. records of inflow.

STREAMFLOW FORECASTS^c(1,000 Ac. Ft.)

| STREAM and/or FORECAST POINT | FORECAST THIS YEAR | FORECAST PERIOD | LAST YEAR | 1948-1962 AVERAGE | THIS YEAR AS PERCENT OF AVERAGE |
|------------------------------|-----------------------|-----------------|-----------|----------------------|---------------------------------------|
| <u>Payette River</u> | | | | | |
| Horseshoe Bend 1/ | (nr) | 1800 | May - Sep | 808 | 1580 |
| Banks 2/ | (nr) | 960 | May - Jul | 452 | 846 |
| <u>North Fork</u> | | | | | |
| Cascade 3/ | (at) | 550 | May - Sep | 243 | 483 |
| Banks 3/ | (nr) | 690 | May - Sep | 285 | 604 |
| | | 650 | May - Jul | 275 | 568 |
| <u>Weiser River</u> | | | | | |
| Weiser ab. Crane Creek 4/ | | 330 | May - Sep | 110 | 280 |
| <u>Salmon River</u> | | | | | |
| Whitebird | (at) | 7500 | May - Sep | 3387 | 6218 |
| Challis | (nr) | 995 | May - Sep | 439 | 822 |
| | | 860 | May - Jul | 368 | 710 |
| <u>Clearwater River</u> | | | | | |
| Spalding | (at) | 8800 | May - Sep | 4328 | 7240 |

GREAT BASIN

| | | | | | | |
|-------------------------|------|-----|-----------|-----|-----|-----|
| <u>BEAR RIVER</u> | | | | | | |
| Harer | (at) | 350 | May - Sep | 119 | 202 | 173 |
| <u>Montpelier Creek</u> | | | | | | |
| Montpelier | (nr) | 11 | May - Sep | -- | 9.4 | 117 |
| <u>Cub River</u> | | | | | | |
| Preston | (nr) | 50 | May - Sep | -- | 44* | 114 |

*Partially estimated.

(c) Assuming normal meteorological conditions. 1/ Corrected for storage in Cascade and Deadwood Reservoirs. 2/ Corrected for storage in Deadwood Reservoir. 3/ Corrected for storage in Cascade Reservoir. 4. Observed flow of Weiser River nr. Weiser minus observed flow of Crane Creek at mouth.

VALLEY PRECIPITATION 1/

Division Averages and Departures

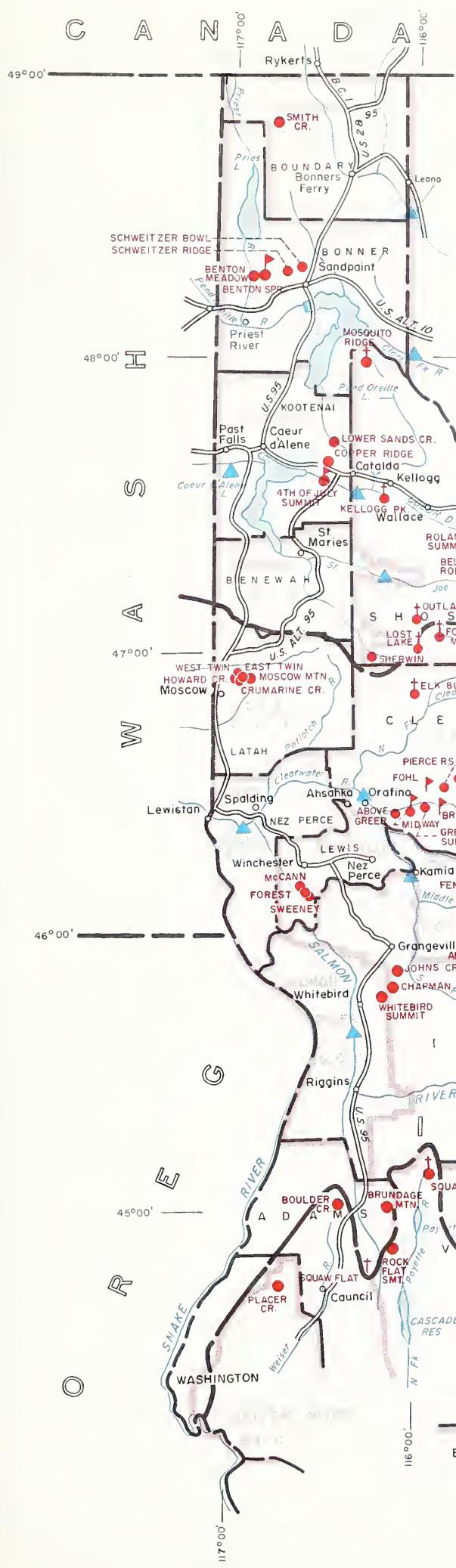
In Inches

| DRAINAGE DIVISIONS | Winter | | April 1967 | |
|--------------------------|---------------------|-----------------------|------------|--------------|
| | Nov. 1966-Mar. 1967 | Observed Departure 2/ | Observed | Departure 2/ |
| Kootenai, Canada & U. S. | 16.79 | +2.70 | 1.10 | -0.51 |
| Flathead | 12.04 | +1.94 | 0.99 | -0.72 |
| Clark Fork | 4.51 | -0.15 | 1.60 | +0.71 |
| Pend Oreille-Spokane | 21.01 | +2.08 | 1.88 | -0.33 |
| Upper Snake | 10.74 | -0.01 | 2.25 | +0.77 |
| Snake River Plain | 4.91 | +0.42 | 1.72 | +1.02 |
| Salmon-Payette-Boise | 11.82 | +0.47 | 2.00 | +0.55 |
| Clearwater | 14.24 | +0.25 | 2.90 | +0.43 |
| Southeastern Oregon | 5.99 | +0.60 | 1.51 | +0.82 |

1/ Preliminary analysis by U. S. Weather Bureau from data furnished by Meteorological Service of Canada & U. S. Weather Bureau.

2/ Departure from 15-year (1948-62) drainage division average.

UPPER COLUMBIA and LOWER SNAKE RIVER BASINS

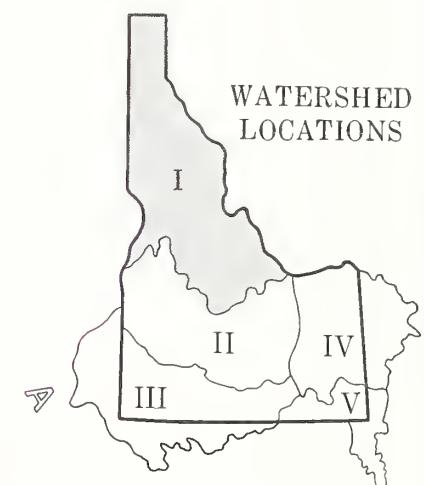


25 0 25 50 75
SCALE IN MILES

LEGEND

- Watershed Boundary
- - - Soil Conservation District Bdry
- - - County Boundary
- ▲ Forecast Point
- Snow Course
- † Aerial Snow Depth Gage
- ‡ Soil Moisture Station
- Snow Pressure Pillow
- Temperature Gage
- Precipitation Gage
- ◆ Radio Telemetry

WATERSHED LOCATIONS



INDEX to SNOW COURSES

| NO. | STATE | NAME | SEC. LAT. | TWP. OR ANO | RGE. LONG. | ELEV. |
|-----------------------------|-------|-----------------------|--------------|-------------------|---------------|-------|
| UPPER COLUMBIA BASIN | | | | | | |
| KOOTENAI RIVER | | | | | | |
| 16A1 | I | Smith Creek | 29 | 64N | 3W | 4800 |
| PEND OREILLE - PRIEST RIVER | | | | | | |
| 16A2 | I | Benton Meadow | 27 | 58N | 4W | 2344 |
| 16A3M | I | Benton Spring | 30 | 58N | 3W | 4900 |
| 16A6 | I | Schweitzer Bowl | 20 | 58N | 2W | 4500 |
| 16A5 | I | Schweitzer Ridge | 19 | 58N | 2W | 6100 |
| SPOKANE RIVER | | | | | | |
| 15B8 | I | Above Burke | 11 | 48N | 5E | 4100 |
| 15B7 | I | Above Roland | 35 | 47N | 6E | 4350 |
| 15B6 | I | Below Roland | 34 | 47N | 6E | 3770 |
| 16B2 | I | Copper Ridge | 6 & 7 | 50N | 1W | 4800 |
| 16B3M | I | Fourth of July Summit | 6 | 49N | 1W | 3100 |
| 15B13A | I | Granite Peak | 3 | 42N | 8E | 6000 |
| 16B5A | I | Kellogg Peak | 19 | 48N | 3E | 5560 |
| 15B2M | I | Lookout | 4 | 47N | 6E | 5250 |
| 16B1 | I | Lower Sands Creek | 32 | 51N | 1W | 3400 |
| 15B4A | I | Medicine Ridge | 24 | 43N | 10E | 6150 |
| 16A4A | I | Mosquito Ridge | 5 | 54N | 2E | 5110 |
| 15B12A | I | Outlaw Creek | 19 | 44N | 5E | 3750 |
| 15B5A | I | Roland Summit | 26 | 47N | 6E | 5200 |
| 16C1 | I | Sherwin | 28 & 33 | 42N | 1E | 3200 |
| 15B9A | I | Sunset | 28 | 49N | 5E | 5600 |
| LOWER SNAKE BASIN | | | | | | |
| PALOUSE RIVER | | | | | | |
| 16C6 | I | Crumarine Creek | 24 | 40N | 5W | 3500 |
| 16C3 | I | East Twin | 13 | 40N | 5W | 4000 |
| 16C5 | I | Howard Creek | 14 | 40N | 5W | 3500 |
| 16C2 | I | Moscow Mountain | 18 | 40N | 4W | 4800 |
| 16C4P | I | West Twin | 14 | 40N | 5W | 4200 |

LOWER SNAKE BASIN

PALOUSE RIVER

| | | | | | | |
|-------|---|-----------------|----|-----|----|------|
| 1606 | I | Crumarine Creek | 24 | 40N | 5W | 3500 |
| 1603 | I | East Twin | 13 | 40N | 5W | 4000 |
| 1605 | I | Howard Creek | 14 | 40N | 5W | 3500 |
| 1602 | I | Moscow Mountain | 18 | 40N | 4W | 4800 |
| 16C4P | I | West Twin | 14 | 40N | 5W | 4200 |

LEGEND

Numbering System (example)

| | |
|--------|--|
| 10J7 | SNOW COURSE ONLY. |
| 10J7P | SNOW COURSE AND PRECIPITATION GAGE. |
| 10J7M | SNOW COURSE AND SOIL MOISTURE STATION. |
| 10J7A | SNOW COURSE AND AERIAL MARKER. |
| 10J7MA | SNOW COURSE, SOIL MOISTURE STATION AND AERIAL MARKER. |
| 10J7MP | SNOW COURSE, SOIL MOISTURE STATION AND PRECIPITATION GAGE. |
| 10J7 m | SOIL MOISTURE STATION ONLY. |
| 10J7 a | AERIAL MARKER ONLY. |
| 10J7 p | STORAGE PRECIPITATION GAGE ONLY. |

| NO. | STATE | NAME | SEC. | TWP. OR LAT. | RGE. OR ANO | ELEV. LONG. |
|-------------------------|-------|----------------------------|------|--------------------|-------------------|----------------|
| CLEARWATER RIVER | | | | | | |
| 16C11 | I | Above Greer | 14 | 35N | 2E | 1240 |
| 15D7a | I | Anderson Butte | 34 | 30N | 9E | 6800 |
| 15D8a | I | Anderson Ridge | 35 | 30N | 9E | 5400 |
| 15D9p | I | Blackhawk | 31 | 29N | 10E | 6080 |
| 16C14m | I | Brown | 11 | 35N | 3E | 3100 |
| 15D5APM | I | Buck Meadows | 26 | 31N | 8E | 5600 |
| 15C3A | I | Cayuse Airstrip | 4 | 38N | 11E | 3700 |
| 15C7 | I | Coolwater Mountain | 32 | 33N | 8E | 6200 |
| 15D10a | I | Copper Butte | 35 | 31N | 10E | 6000 |
| 15C9A | I | Crater Meadows | 2 | 37N | 9E | 6100 |
| 14C10 | I | Crooked Fork | 27 | 37N | 14E | 3800 |
| 15D11a | I | Disgrace Butte | 26 | 30N | 10E | 6600 |
| 16C15A | I | Elk Butte | 6 | 40N | 3E | 5550 |
| 15D12p | I | Elk City Rgr. Sta. | 23 | 29N | 8E | 4000 |
| 15D13ap | I | Elk Mountain | 34 | 30N | 11E | 6900 |
| 15C11a | I | Falls Point | 10 | 31N | 9E | 4600 |
| 15C12p | I | Fenn Ranger Station | 23 | 32N | 7E | 1580 |
| 15C2AP | I | Fish Lake Airstrip | 35 | 35N | 11E | 5000 |
| 15C8m | I | Fohl | 16 | 36N | 5E | 3450 |
| 16C9 | I | Forest | 1 | 32N | 3W | 4550 |
| 15B3A | I | Forty-nine Meadows | 6 | 43N | 5E | 5000 |
| 14C9A | I | Goat Lake | 4 | 38N | 13E | 6600 |
| 15D14p | I | Green Mountain | 15 | 28N | 11E | 7000 |
| 16C13 | I | Greer Summit | 13 | 35N | 2E | 3000 |
| 15C6AP | I | Hemlock Butte | 7 | 36N | 7E | 5500 |
| 15D21a | I | Horse Point | 4 | 30N | 9E | 5700 |
| 15D22ap | I | Indian Hill | 30 | 31N | 10E | 6100 |
| 14D3 | I | Kit Carson Pasture | 4 | 27N | 16E | 5020 |
| 14C5M | I | Lolo Pass | 16 | 38N | 15E | 5230 |
| 15B14A | I | Lost Lake | 16 | 43N | 4E | 6000 |
| 15D15p | I | Lower Horse Creek | 28 | 31N | 9E | 4100 |
| 16C8 | I | McCann | 25 | 33N | 3W | 4300 |
| 15D16p | I | Meadow Creek Guard Station | 5 | 29N | 10E | 2955 |
| 15D17a | I | Meadow Creek Lookout | 25 | 29N | 11E | 7000 |
| 16C12M | I | Midway | 14 | 35N | 2E | 2200 |
| 15D18P | I | Mill Site | 22 | 28N | 11E | 6700 |
| 15D6AP | I | Mountain Meadows | 9 | 27N | 10E | 6300 |
| 14D1 | M | Nez Perce Pass | 25 | 1S | 24W | 6575 |
| 15D4 | I | Orogrande Mountain | 24 | 27N | 6E | 7800 |
| 15C5 | I | Pierce Ranger Station | 2 | 36N | 5E | 3170 |
| 14C6 | I | Powell Ranger Station | 33 | 37N | 14E | 4230 |
| 15D19p | I | Red River Ranger Station | 4 | 27N | 9E | 4340 |
| 15D20a | I | Sable Hill | 14 | 29N | 10E | 6000 |
| 14C4 | I | Savage Pass | 18 | 36N | 15E | 6600 |
| 15C4A | I | Shanghai Summit | 7 | 37N | 6E | 4600 |
| 15C13p | I | Slim's Camp | 11 | 31N | 9E | 1850 |
| 16C10 | I | Sweeney | 1 | 32N | 3W | 1135 |

SALMON RIVER

| | | | | | | | |
|---------|---|-------------------|----|------|-----|-------|------|
| 13E19MA | I | Above Gilmore | 13 | 13N | 26E | 8200 | |
| 13E21A | I | Aspen-Hall Pass | 6 | 16N | 28E | 8110 | |
| 15E2 | I | Big Creek Summit | 24 | 15N | 5E | 6600 | |
| 13E8a | I | Borah | 21 | 10N | 23E | 8250 | |
| 16D6 | I | Brundage Mountain | 7 | 19N | 3E | 7600 | |
| 16D2 | I | Chapman Creek | 16 | 29N | 2E | 4215 | |
| 13E17A | I | Copes Camp | 36 | 18N | 22E | 7500 | |
| 13E23a | I | Doublespring Pass | 3 | 10N | 22E | 8400 | |
| 13D17a | I | Gertson Creek | 22 | 22N | 23E | 8050 | |
| 13D2 | M | Gibbons Pass | 4 | 2S | 19W | 7100 | |
| 13D9 | M | Gold Stonw | 11 | 8S | 16W | 8100 | |
| 13E20Q | I | HallCreek | 1 | 16N | 27E | 7560 | |
| 16D3 | I | Johns Creek | 9 | 19N | 2E | 3805 | |
| 13E22ap | I | Leatherman Pass | 20 | 9N | 23E | 9800 | |
| 13E23 | M | Lemhi Ridge | 4 | 10S | 15W | 8100 | |
| 13E18MA | I | Meadow Lake | 24 | 13N | 26E | 9100 | |
| 14E1MAP | I | Mill Creek Summit | 8 | 13N | 17E | 8870 | |
| 13D16 | I | Moose Creek | 22 | & 26 | 27N | 21E | 6200 |
| 14E4 | I | Morgan Creek | 32 | | 18N | 19E | 7580 |
| 14E2 | I | Redfish Lake | 3 | 9N | 13E | 6600 | |
| 13E16A | I | Schwartz Lake | 34 | 18N | 22E | 8500 | |
| 13E2 | M | Trail Creek | 15 | 10S | 15W | 7090 | |
| 14E3a | I | Twin Peaks | 28 | 15N | 17E | 10300 | |
| 14F4AP | I | Vienna Mine | 32 | 6N | 14E | 8900 | |
| 16D5 | I | Whitebird Summit | 17 | 29N | 2E | 4390 | |
| 14D4 | I | Williams Creek | 34 | 21N | 20E | 7800 | |

SNOW

| DRAINAGE BASIN and SNOW COURSE | | | CURRENT INFORMATION | | | PAST RECORD | |
|--------------------------------|-----|-----------|---------------------|---------------------|------------------------|----------------------------------|----------------------|
| NAME | NO. | ELEVATION | DATE OF SURVEY | SNOW DEPTH (Inches) | WATER CONTENT (inches) | WATER CONTENT (inches) LAST YEAR | AVERAGE ^b |

UPPER COLUMBIA RIVER BASINKOOTENAI RIVER

| | | | | | | | |
|-------------|------|------|------|-----|------|------|-------|
| Smith Creek | 16A1 | 4800 | 4/25 | 137 | 61.9 | 43.1 | 47.5* |
|-------------|------|------|------|-----|------|------|-------|

PEND OREILLE - PRIEST RIVER

| | | | | | | | |
|------------------|------|------|------|-----|------|------|------|
| Benton Meadow | 16A2 | 2344 | 4/28 | 0 | 0.0 | 0.0 | 0.0* |
| Benton Spring | 16A3 | 4900 | 4/28 | 59 | 22.9 | 12.0 | 18.2 |
| Schweitzer Bowl | 16A6 | 4500 | 4/28 | 92 | 37.5 | 22.2 | -- |
| Schweitzer Ridge | 16A5 | 6100 | 4/28 | 150 | 61.0 | 47.0 | -- |

SPOKANE RIVER

| | | | | | | | |
|-----------------------|-------|------|-----|-----|------|------|-------|
| Copper Ridge | 16B2 | 4800 | 5/1 | 76 | 34.0 | 18.7 | 29.3 |
| #Forty-nine Meadows | 15B3 | 5000 | 5/3 | 75 | 32.4 | 22.8 | 32.3* |
| Fourth of July Summit | 16B3 | 3100 | 5/1 | 0 | 0.0 | 0.0 | -- |
| Granite Peak | 15B13 | 6000 | 5/3 | 139 | 55.4 | 45.0 | -- |
| Lookout | 15B2 | 5250 | 5/1 | 106 | 42.4 | 30.0 | 36.4 |
| #Lost Lake | 15B14 | 6000 | 5/3 | 156 | 65.8 | 49.8 | -- |
| Lower Sands Creek | 16B1 | 3400 | 5/1 | 39 | 16.6 | 13.4 | 14.2* |
| Medicine Ridge | 15B4 | 6150 | 5/3 | 143 | 57.4 | 41.8 | -- |
| Outlaw Creek | 15B12 | 3750 | 5/3 | 34 | 13.2 | 8.2 | -- |

LOWER SNAKE RIVER BASINPALOUSE RIVER

| | | | | | | | |
|-------------------|------|------|-----|----|------|------|-------|
| Crumarine Creek | 16C6 | 3500 | 5/1 | T | T | 0.0 | 0.0* |
| East Twin | 16C3 | 4000 | 5/1 | T | T | 0.0 | 0.0* |
| Howard Creek | 16C5 | 3500 | 5/1 | T | T | 0.0 | 0.0* |
| Moscow Mountain | 16C2 | 4800 | 5/1 | 42 | 14.8 | 10.6 | 12.0* |
| Upper Moscow Mtn. | 16C7 | 4950 | 5/4 | 32 | 14.0 | -- | -- |
| West Twin | 16C4 | 4200 | 5/1 | T | T | 0.0 | 0.1* |

CLEARWATER RIVER

| | | | | | | | |
|-----------------------|-------|------|------|-----|------|------|------|
| Above Greer | 16C11 | 1240 | 4/27 | 0 | 0.0 | 0.0 | -- |
| Buck Meadows | 15D5 | 5600 | 4/25 | 85 | 36.4 | 19.6 | -- |
| Buck Meadows | 15D5 | 5600 | 5/1 | 91 | 37.0 | 19.6 | -- |
| Cayuse Airstrip | 15C3 | 3700 | 5/3 | 0 | 0.0 | 0.0 | 1.2* |
| Coolwater Mountain | 15C7 | 6200 | 4/26 | 93 | 37.2 | 24.5 | -- |
| Coolwater Mountain(R) | 15C7 | 6200 | 4/30 | -- | 41.1 | 30.0 | -- |
| Copper Butte (A) | 15D10 | 6000 | 5/2 | 103 | 39.1 | -- | -- |
| Crater Meadows | 15C9 | 6100 | 4/25 | 115 | 50.6 | 37.8 | -- |
| Disgrace Butte (A) | 15D11 | 6600 | 5/2 | 86 | 31.0 | -- | -- |
| Elk Butte | 16C15 | 5550 | 4/27 | 102 | 42.4 | 25.6 | -- |
| Elk Mountain (A) | 15D13 | 6900 | 5/1 | 120 | 43.2 | -- | -- |

(b) 1948-62, 15 year period. * Not located directly on this drainage. * Estimated 1948-62, 15 year Average. (A) Aerial observation; Water content estimated. (SP) Pressure Pillow snow-water equivalent. (R) Radioactive Gage snow-water equivalent.

SNOW

| DRAINAGE BASIN and SNOW COURSE NAME | NO. | ELEVATION | CURRENT INFORMATION | | | PAST RECORD | |
|--|-------|-----------|---------------------|---------------------|------------------------|-------------------------------------|----------------------|
| | | | DATE OF SURVEY | SNOW DEPTH (Inches) | WATER CONTENT (Inches) | WATER CONTENT (Inches) LAST YEAR | AVERAGE ^b |
| Falls Point (A) | 15C11 | 4600 | 5/2 | 36 | 15.1 | -- | -- |
| Fish Lake Airstrip | 15C2 | 5000 | 4/26 | 112 | 46.8 | 34.2 | 45.4* |
| Forty-nine Meadows | 15B3 | 5000 | 5/3 | 75 | 32.4 | 22.8 | 32.3* |
| Goat Lake | 14C9 | 6600 | 5/3 | 141 | 56.4 | 42.8 | -- |
| #Granite Peak | 15B13 | 6000 | 5/3 | 139 | 55.4 | 45.0 | -- |
| Greer Summit | 16C13 | 3000 | 4/27 | 0 | 0.0 | 0.0 | -- |
| Hemlock Butte | 16C6 | 5500 | 4/25 | 123 | 52.4 | 44.5 | -- |
| Hemlock Butte (R) | 16C6 | 5500 | 4/30 | -- | 64.8 | 40.6 | -- |
| Hemlock Butte (SP) | 16C6 | 5500 | 4/30 | -- | 64.8 | -- | -- |
| #Hoodoo Creek Mont. | 15C1 | 5900 | 5/1 | 136 | 57.6 | 41.2 | 50.2* |
| #Hoodoo Creek (SP)Mont. | 15C8 | 6000 | 4/30 | -- | 57.9 | -- | -- |
| Lolo Pass | 14C5 | 5230 | 4/27 | 81 | 37.0 | 20.3 | 31.8* |
| Lost Lake | 15B14 | 6000 | 5/3 | 156 | 65.8 | 49.8 | -- |
| #Medicine Ridge | 15B4 | 6150 | 5/3 | 143 | 57.4 | 41.8 | -- |
| Midway | 16C12 | 2200 | 4/27 | 0 | 0.0 | 0.0 | -- |
| Mill Site (SP) | 15D18 | 6700 | 5/1 | 101 | 39.7 | -- | -- |
| Mountain Meadows | 15D6 | 6300 | 4/25 | 75 | 31.8 | 17.3 | -- |
| Mountain Meadows | 15D6 | 6300 | 5/1 | 81 | 29.8 | 17.3 | -- |
| #Nez Perce Pass Mont. | 14D1 | 6570 | 4/26 | 51 | 20.9 | 6.0 | 13.3 |
| Orogrande Mountain | 15D4 | 7800 | 4/25 | 124 | 48.2 | 37.8 | -- |
| Orogrande Mountain (R) | 15D4 | 7800 | 4/30 | -- | 48.9 | -- | -- |
| Pierce Ranger Station | 15C5 | 3170 | 4/27 | 2 | 0.7 | 0.3 | 1.6* |
| Powell Ranger Station | 14C6 | 4230 | 4/27 | 0 | 0.0 | 0.0 | -- |
| Sable Hill (A) | 15D20 | 6000 | 5/2 | 60 | 22.8 | -- | -- |
| Savage Pass | 14C4 | 6600 | 4/27 | 82 | 33.2 | 21.2 | 27.7* |
| Shanghai Summit | 15C4 | 4600 | 4/25 | 64 | 27.4 | 10.1 | 25.2* |

SALMON RIVER

| | | | | | | | |
|-----------------------|-------|-------|------|-----|------|------|-------|
| Big Creek Summit | 15E2 | 6600 | 4/28 | 118 | 44.6 | 29.2 | 36.8* |
| Borah (A) | 13E8 | 8250 | 5/2 | 36 | 12.8 | 0.0 | -- |
| #Boulder Creek | 16D1 | 5500 | 4/26 | 52 | 20.6 | 11.4 | -- |
| Brundage Mountain | 16D6 | 7600 | 4/28 | 166 | 67.8 | 40.5 | -- |
| Chapman Creek | 16D2 | 4215 | 4/27 | 4 | 1.3 | 0.0 | 0.3* |
| #Deadwood Summit | 15E4 | 7000 | 4/28 | 140 | 59.4 | 35.0 | 48.5* |
| Doublespring Pass (A) | 13E25 | 8400 | 5/2 | 48 | 17.1 | -- | -- |
| #Galena Summit | 14F12 | 8795 | 4/29 | 90 | 32.8 | 15.6 | 23.3* |
| #Gibbons Pass Mont. | 13D2 | 7100 | 4/28 | 71 | 27.2 | 12.8 | 23.1 |
| Johns Creek | 16D3 | 3805 | 4/27 | 0 | 0.0 | 0.0 | 0.0* |
| Leatherman Pass (A) | 13E24 | 9800 | 5/2 | 108 | 39.3 | -- | -- |
| Mill Creek Summit | 14E1 | 8870 | 5/1 | 88 | 32.0 | 14.1 | -- |
| Moose Creek | 13D16 | 6200 | 4/28 | 54 | 20.0 | -- | 13.0* |
| Morgan Creek | 14E4 | 7580 | 5/2 | 55 | 19.6 | 2.8 | -- |
| #Rock Flat Summit | 16E1 | 5200 | 4/28 | 64 | 22.5 | 12.1 | 14.9* |
| #Squaw Flat (A) | 16E5 | 6230 | 5/1 | 86 | 30.3 | 19.0 | -- |
| #Squaw Meadow | 15D2 | 5800 | 5/1 | 112 | 44.8 | 29.2 | 37.9* |
| Twin Peaks (A) | 14E3 | 10300 | 5/2 | 108 | 39.3 | 15.8 | -- |
| Vienna Mine (A) | 14F4 | 8900 | 5/1 | 105 | 41.0 | 17.6 | 38.3* |
| Whitebird Summit | 16D5 | 4390 | 4/27 | 8 | 3.0 | 0.0 | 0.6* |

(b) 1948-62, 15 year period. * Not located directly on this drainage. * Estimated 1948-62, 15 year Average. (A) Aerial observation: Water content estimated. (SP) Pressure Pillow snow-water equivalent.
(R) Radioactive Gage snow-water equivalent.

SNOW

| DRAINAGE BASIN and SNOW COURSE | | | CURRENT INFORMATION | | | PAST RECORD | |
|--------------------------------|-----|-----------|---------------------|---------------------|------------------------|------------------------|----------------------|
| NAME | NO. | ELEVATION | DATE OF SURVEY | SNOW DEPTH (inches) | WATER CONTENT (inches) | WATER CONTENT (inches) | AVERAGE ^b |

Lemhi River

| | | | | | | | |
|---------------------|-------|------|-----|----|------|------|----|
| Above Gilmore (A) | 13E19 | 8200 | 5/2 | 66 | 23.5 | 5.8 | -- |
| Aspen-Hall Pass (A) | 13E21 | 8110 | 5/2 | 63 | 22.4 | 7.1 | -- |
| Copes Camp (A) | 13E17 | 7500 | 5/2 | 45 | 16.0 | 2.4 | -- |
| Gertson Creek (A) | 13D17 | 8050 | 5/1 | 48 | 17.1 | 0.0 | -- |
| Hall Creek (A) | 13E20 | 7560 | 5/2 | 37 | 13.2 | 0.0 | -- |
| Meadow Lake (A) | 13E18 | 9100 | 5/2 | 93 | 33.8 | 12.6 | -- |
| Schwartz Lake (A) | 13E16 | 8500 | 5/2 | 71 | 25.8 | 8.2 | -- |

SOIL MOISTURE

| STATION | | PROFILE (inches) | | SOIL MOISTURE (inches) | | | |
|-------------------------|-----------|------------------|----------|------------------------|-----------|-----------|-------------|
| NAME | ELEVATION | DEPTH | CAPACITY | DATE | THIS YEAR | LAST YEAR | 2 YEARS AGO |
| <u>SPOKANE RIVER</u> | | | | | | | |
| Fourth of July Summit | 3100 | 48 | 11.6 | 5/1 | 10.2 | 10.0 | 10.3 |
| Lookout | 5250 | 48 | 11.0 | 5/1 | 8.3 | 8.5 | 8.7 |
| <u>CLEARWATER RIVER</u> | | | | | | | |
| Brown | 3100 | 36 | 6.7 | 4/27 | 5.6 | 5.5 | 5.6 |
| Fohl | 3450 | 48 | 13.3 | 4/27 | 9.6 | 9.8 | 10.4 |
| Midway | 2200 | 36 | 6.1 | 4/27 | 5.1 | 4.9 | -- |
| <u>SALMON RIVER</u> | | | | | | | |
| Mill Creek Summit | 8870 | 48 | 8.4 | 5/1 | 3.0 | 4.8* | 3.1 |
| <u>Lemhi River</u> | | | | | | | |
| Above Gilmore | 8200 | 60 | 5.4 | 3/27 | 1.8* | 2.8* | 2.3* |
| Meadow Lake | 9100 | 48 | 4.4 | 3/27 | 1.6* | 1.9* | 2.0* |

* April 1 measurement.

(b) 1948-62, 15 year period. * Not located directly on this drainage. * Estimated 1948-62, 15 year Average. (A) Aerial observation; Water content estimated. (SP) Pressure Pillow snow-water equivalent. (R) Radioactive Gage snow-water equivalent.

SNOW

| DRAINAGE BASIN and SNOW COURSE | | | CURRENT INFORMATION | | | PAST RECORD | |
|--------------------------------|-----|-----------|---------------------|---------------------|------------------------|------------------------|----------------------|
| NAME | NO. | ELEVATION | DATE OF SURVEY | SNOW DEPTH (Inches) | WATER CONTENT (Inches) | WATER CONTENT (Inches) | AVERAGE ^b |

MIDDLE SNAKE RIVER BASIN - NORTHSIDELITTLE LOST RIVER

| | | | | | | | |
|---------------------|------|------|------|----|------|-----|----|
| Fairview Guard Sta. | 13E5 | 6750 | 5/1 | T | T | 0.0 | -- |
| Lost Garfield | 13E3 | 6600 | 5/1 | 0 | 0.0 | 0.0 | -- |
| Moonshine | 13E6 | 7450 | 5/1 | 52 | 17.6 | 1.4 | -- |
| Sawmill Canyon | 13E4 | 6900 | 5/1 | 29 | 10.2 | 0.0 | -- |
| Wet Creek Summit | 13E7 | 7600 | 4/27 | 65 | 22.8 | -- | -- |

BIG LOST RIVER

| | | | | | | | |
|------------------------|-------|------|------|-----|------|----|------|
| Cherry Creek Pass (A) | 13F13 | 8900 | 5/1 | 37 | 13.0 | -- | -- |
| Copper Basin (A) | 13F2 | 7600 | 5/1 | 74 | 26.0 | -- | -- |
| #Doublespring Pass (A) | 13E25 | 8400 | 5/2 | 48 | 17.1 | -- | -- |
| Dry Fork (A) | 13F20 | 7340 | 5/1 | 64 | 22.5 | -- | -- |
| #Leatherman Pass (A) | 13E24 | 9800 | 5/2 | 108 | 39.3 | -- | -- |
| Lost-Wood Divide (A) | 14F3 | 7900 | 5/1 | 99 | 34.7 | -- | -- |
| Mammoth Canyon (A) | 13F17 | 8300 | 5/1 | 35 | 12.3 | -- | -- |
| North Fork Meadow (A) | 14F15 | 8150 | 5/1 | 65 | 22.8 | -- | -- |
| Sage Creek (A) | 14E5 | 7800 | 5/2 | 48 | 17.1 | -- | -- |
| Slickrock (A) | 13F14 | 8640 | 5/1 | 98 | 34.4 | -- | -- |
| Stickney Mill (A) | 14F2 | 7500 | 5/1 | 46 | 16.1 | -- | -- |
| White Knob | 13F1 | 7700 | 4/27 | 60 | 18.2 | -- | 6.9* |

FISH CREEK

| | | | | | | | |
|---------------|-------|------|-----|----|------|----|----|
| #Dry Fork (A) | 13F20 | 7340 | 5/1 | 64 | 22.5 | -- | -- |
|---------------|-------|------|-----|----|------|----|----|

LITTLE WOOD RIVER

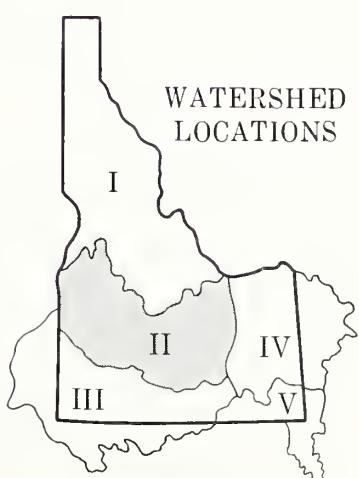
| | | | | | | | |
|--------------------|-------|------|------|----|------|------|-------|
| Garfield Rgr. Sta. | 13F4 | 6554 | 4/28 | 22 | 6.8 | 0.0 | 0.5* |
| Muldoon | 13F5 | 6300 | 4/28 | 3 | 1.0 | 0.0 | 0.0* |
| Porcupine (A) | 14F14 | 8350 | 5/1 | 76 | 27.8 | 4.3 | -- |
| Swede Peak | 13F9 | 7500 | 4/27 | 70 | 25.6 | 10.6 | 12.3* |

BIG WOOD RIVER

| | | | | | | | |
|-----------------------|-------|------|------|-----|------|------|-------|
| #Couch Summit | 14F10 | 6950 | 4/28 | 64 | 24.6 | 4.8 | 13.4* |
| Dollarhide Summit (A) | 14F8 | 8620 | 5/1 | 92 | 33.5 | 6.1 | 27.6* |
| Galena | 14F1 | 7300 | 4/29 | 65 | 25.6 | 5.7 | 13.1* |
| Galena Summit | 14F12 | 8795 | 4/29 | 90 | 32.8 | 15.6 | 23.3* |
| Graham Ranch | 14F5 | 6200 | 5/1 | 39 | 14.9 | 1.6 | -- |
| #Lost-Wood Divide (A) | 14F3 | 7900 | 5/1 | 99 | 34.7 | -- | -- |
| Mount Baldy | 14F9 | 9000 | 5/3 | 90 | 31.1 | 16.1 | 21.2* |
| #Porcupine (A) | 14F14 | 8350 | 5/1 | 76 | 27.8 | 4.3 | -- |
| Soldier Rgr. Sta. | 14F11 | 6100 | 4/28 | 0 | 0.0 | 0.0 | -- |
| #Vienna Mine (A) | 14F4 | 8900 | 5/1 | 105 | 41.0 | 17.6 | 38.3* |

(b) 1948-62, 15 year period. * Not located directly on this drainage. • Estimated 1948-62, 15 year Average. (A) Aerial observation: Water content estimated. (SP) Pressure Pillow snow-water equivalent. (R) Radioactive Gage snow-water equivalent.

MIDDLE SNAKE RIVER BASIN NORTHSIDE



LEGEND

- Watershed Boundary
- Soil Conservation District Bdry.
- County Boundary
- ▲ Forecast Point
- Snow Course
- + Aerial Snow Depth Gage
- Soil Moisture Station
- Snow Pressure
- Temperature Gage
- ◆ Precipitation Gage
- ◆ Radio Telemetry

INDEX to SNOW COURSES

| NO. | STATE | NAME | SEC. LAT. | TWP. OR ANO | RGE. LONG. | ELEV. | NO. | STATE | NAME | SEC. LAT. | TWP. OR ANO | RGE. LONG. | ELEV. | | | | | | | |
|---------------------------------|-------|-------------------------|--------------|-------------------|---------------|-------|---------------------|-------|-------------------------|--------------|-------------------|---------------|-------|--|--|--|--|--|--|--|
| MIDDLE SNAKE RIVER BASIN | | | | | | | | | | | | | | | | | | | | |
| NORTHSIDE | | | | | | | | | | | | | | | | | | | | |
| LITTLE LOST RIVER | | | | | | | | | | | | | | | | | | | | |
| 13E5M | I | Fairview Guard Station | 27 | 12N | 26E | 6750 | 15F4AP | I | Atlanta Summit | 23 | 5N | 10E | 7500 | | | | | | | |
| 13E3 | I | Lost-Garfield | 3 | 11N | 26E | 6600 | 15F2M | I | Bad Bear | 35 | 7N | 6E | 5500 | | | | | | | |
| 13E6 | I | Moonshine | 31 | 13N | 26E | 7450 | 16F4 | I | Bogus Basin | 32 | 5N | 3E | 5360 | | | | | | | |
| 13E4 | I | Sawmill Canyon | 17 | 12N | 26E | 6900 | 16F5m | I | Bogus Basin Road | 36 | 5N | 2E | 4830 | | | | | | | |
| 13E7MAP | I | Wet Creek Summit | 15 | 8N | 25E | 7600 | 14F10A | I | Couch Summit | 9 | 2N | 14E | 6950 | | | | | | | |
| BIG LOST RIVER | | | | | | | | | | | | | | | | | | | | |
| 13F18p | I | Antelope Pass | 7 | 5N | 23E | 8800 | 15F10a | I | Danskin | 17 | 1N | 7E | 5650 | | | | | | | |
| 13F3 | I | Bear Canyon | 26 | 5N | 21E | 8600 | 16F1 | I | Deadman Gulch | 29 | 7N | 4E | 5600 | | | | | | | |
| 13F13a | I | Cherry Creek Pass | 7 | 5N | 23E | 8900 | 15E9AP | I | Jackson Peak | 7 | 8N | 9E | 7000 | | | | | | | |
| 13F2A | I | Copper Basin | 24 | 6N | 21E | 8000 | 15F1MP | I | Moores Creek Summit | 19 | 7N | 7E | 6100 | | | | | | | |
| 13F19p | I | Corral Creek Summit | 25 | 7N | 22E | 8550 | 15F6P | I | Prairie | 13 | 2N | 7E | 4900 | | | | | | | |
| 13F20ap | I | Dry Fork | 23 | 3N | 23E | 7340 | 15F3A | I | Road Creek | 5 | 5N | 8E | 5550 | | | | | | | |
| 13F11 | I | Iron Bog | 23 | 4N | 22E | 7650 | 15F5AP | I | Trinity Mountain | 7 | 3N | 9E | 7400 | | | | | | | |
| 13F12 | I | Leadbelt | 34 | 4N | 23E | 6800 | 15F11a | I | Willow Creek Cabin | 26 | 1N | 6E | 4710 | | | | | | | |
| 14F3A | I | Lost Wood Divide | 19 | 6N | 19E | 7900 | BOISE RIVER | | | | | | | | | | | | | |
| 13F17ap | I | Mammoth Canyon | 14 | 6N | 23E | 8300 | 15F7 | I | Bennett Mountain | 7 | 2S | 9E | 6650 | | | | | | | |
| 14F15a | I | North Fork Meadows | 20 | 7N | 18E | 8150 | 15F8 | I | Dixie Hill | 13 | 2S | 8E | 5230 | | | | | | | |
| 14F6p | I | Park Creek | 18 | 6N | 19E | 7685 | 15F12a | I | Little Camas Flat | 21 | 1S | 9E | 4950 | | | | | | | |
| 14E5ap | I | Sage Creek | 12 | 9N | 20E | 7800 | 15F13a | I | Long Tom | 19 | 1S | 8E | 4550 | | | | | | | |
| 13F14ap | I | Slickrock | 17 | 4N | 22E | 8640 | CANYON CREEK | | | | | | | | | | | | | |
| 14F2A | I | Stickney Mill | 9 | 6N | 19E | 7500 | 16F2MP | I | Bogus Basin | 16 | 5N | 3E | 6120 | | | | | | | |
| 13F15a | I | Twin Rocks | 22 | 4N | 22E | 8100 | 15E8 | I | Cozy Cove | 19 | 11N | 7E | 5900 | | | | | | | |
| 13F1 | I | White Knobs | 25 | 7N | 23E | 7700 | 15E3 | I | Crawford Ranger Station | 21 | 14N | 4E | 4800 | | | | | | | |
| BIG WOOD RIVER | | | | | | | | | | | | | | | | | | | | |
| 15F9a | I | Camas Creek Divide | 11 | 2S | 9E | 5720 | 15E10 | I | Deadwood Airstrip | 8 | 11N | 7E | 5440 | | | | | | | |
| 14F8AP | I | Dollarhide Summit | 16 | 3N | 15E | 8620 | 15E7 | I | Deadwood Dam | 8 | 11N | 7E | 5290 | | | | | | | |
| 14F1M | I | Galena | 3 | 6N | 15E | 7300 | 15E4A | I | Deadwood Summit | 23 | 14N | 7E | 7000 | | | | | | | |
| 14F12MP | I | Galena Summit | 33 | 7N | 15E | 8795 | 16E7a | I | Greenfield Flat | 1 | 13N | 2E | 7370 | | | | | | | |
| 14F5 | I | Graham Ranch | 10 | 5N | 17E | 6200 | 16E4 | I | High Valley Summit | 9 | 10N | 2E | 5170 | | | | | | | |
| 14F7 | I | Mascot Mine | 8 | 4N | 20E | 7900 | 15E1 | I | Lake Fork | 3 | 18N | 4E | 6000 | | | | | | | |
| 14F9 | I | Mount Baldy | 26 | 4N | 17E | 9000 | 16E1 | I | Rock Flat Summit | 1 | 18N | 2E | 5200 | | | | | | | |
| 14F11 | I | Soldier Ranger Station | 19 | 2N | 14E | 6100 | 15E5A | I | Silver Creek Ridge | 24 | 12N | 5E | 5700 | | | | | | | |
| LITTLE WOOD RIVER | | | | | | | | | | | | | | | | | | | | |
| 13F4M | I | Garfield Ranger Station | 11 | 3N | 21E | 6554 | 15D2A | I | Squaw Meadows | 5 | 21N | 4E | 5800 | | | | | | | |
| 13F5 | I | Muldoon | 25 | 3N | 21E | 6300 | 16E3 | I | Tripod Summit | 17 | 11N | 3E | 5200 | | | | | | | |
| 14F13m | I | Niggerhead | 26 | 2N | 20E | 5450 | WEISER RIVER | | | | | | | | | | | | | |
| 14F14a | I | Porcupine | 30 | 4N | 20E | 8350 | 16D1P | I | Boulder Creek | 15 | 20N | 1W | 5500 | | | | | | | |
| 13F9A | I | Swede Peak | 4 | 3N | 21E | 7500 | 16E6a | I | Mica Ridge | 15 | 15N | 2E | 6800 | | | | | | | |
| FISH CREEK | | | | | | | | | | | | | | | | | | | | |
| 13F10 | I | Iron Mine Creek | 32 | 3N | 23E | 6370 | 16E2 | I | Placer Creek | 15 & 16 | 17N | 3W | 6000 | | | | | | | |
| 13F6 | I | Telfer Ranch | 12 | 2N | 22E | 6000 | 16E5a | I | Squaw Flat | 32 | 17N | 2E | 6230 | | | | | | | |

LEGEND

Numbering System (example)

- 10J7 SNOW COURSE ONLY.
- 10J7P SNOW COURSE AND PRECIPITATION GAGE.
- 10J7M SNOW COURSE AND SOIL MOISTURE STATION.
- 10J7A SNOW COURSE AND AERIAL MARKER.
- 10J7MA SNOW COURSE, SOIL MOISTURE STATION AND AERIAL MARKER.
- 10J7MP SNOW COURSE, SOIL MOISTURE STATION AND PRECIPITATION GAGE.
- 10J7 m SOIL MOISTURE STATION ONLY.
- 10J7 a AERIAL MARKER ONLY.
- 10J7 p STORAGE PRECIPITATION GAGE ONLY.

SNOW

| DRAINAGE BASIN and SNOW COURSE | | | CURRENT INFORMATION | | | PAST RECORD | |
|--------------------------------|-----|-----------|---------------------|---------------------|------------------------|------------------------|----------------------|
| NAME | NO. | ELEVATION | DATE OF SURVEY | SNOW DEPTH (inches) | WATER CONTENT (inches) | WATER CONTENT (inches) | AVERAGE ^b |

BOISE RIVER

| | | | | | | | |
|------------------------|-------|------|------|-----|------|------|-------|
| Atlanta Summit | 15F4 | 7500 | 4/27 | 112 | 40.4 | 27.1 | 35.9* |
| Bad Bear | 15F2 | 5500 | 5/1 | 18 | 6.2 | 0.0 | -- |
| #Bogus Basin | 16F2 | 6120 | 5/1 | 69 | 26.5 | 10.6 | 22.3 |
| #Bogus Basin (SP) | 16F2 | 6120 | 5/1 | -- | 26.5 | -- | -- |
| Bogus Basin Road | 16F4 | 5360 | 5/1 | 0 | 0.0 | 0.0 | -- |
| Couch Summit | 14F10 | 6950 | 4/28 | 64 | 24.6 | 4.8 | 13.4* |
| #Dollarhide Summit (A) | 14F8 | 8620 | 5/1 | 92 | 33.5 | 6.1 | 27.6* |
| Moores Creek Summit | 15F1 | 6100 | 5/1 | 90 | 35.0 | 22.0 | 30.0 |
| #Soldier Rgr. Sta. | 14F11 | 6100 | 4/28 | 0 | 0.0 | 0.0 | -- |
| Trinity Mountain (SP) | 15F5 | 7400 | 5/1 | -- | 53.5 | 31.6 | 44.5* |
| #Vienna Mine (A) | 14F4 | 8900 | 5/1 | 105 | 41.0 | 17.6 | 38.3* |

PAYETTE RIVER

| | | | | | | | |
|---------------------|-------|------|------|-----|------|------|-------|
| #Big Creek Summit | 15E2 | 6600 | 4/28 | 118 | 44.6 | 29.2 | 36.8* |
| Bogus Basin | 16F2 | 6120 | 5/1 | 69 | 26.5 | 10.6 | 22.3 |
| Bogus Basin (SP) | 16F2 | 6120 | 5/1 | -- | 26.5 | -- | -- |
| #Brundage Mountain | 16D6 | 7700 | 4/28 | 166 | 67.8 | 40.5 | -- |
| Cozy Cove | 15E8 | 5900 | 4/26 | 39 | 13.8 | 6.2 | 9.3 |
| Crawford Rgr. Sta. | 15E3 | 4800 | 4/28 | 0 | 0.0 | 0.0 | 0.0* |
| Deadwood Airstrip | 15E10 | 5440 | 4/25 | 33 | 11.6 | 2.7 | 4.6* |
| Deadwood Dam | 15E7 | 5290 | 4/26 | 37 | 13.9 | 6.0 | 13.4 |
| Deadwood Summit | 15E4 | 7000 | 4/28 | 140 | 59.4 | 35.0 | 48.5* |
| Greenfield Flat (A) | 16E7 | 7370 | 5/1 | 137 | 58.1 | 31.0 | -- |
| #Mica Ridge (A) | 16E6 | 6800 | 5/1 | 111 | 41.8 | 23.6 | -- |
| Rock Flat Summit | 16E1 | 5200 | 4/28 | 64 | 22.5 | 12.1 | 14.9* |
| #Squaw Flat (A) | 16E5 | 6230 | 5/1 | 86 | 30.3 | 19.0 | -- |
| Squaw Meadow (A) | 15D2 | 5800 | 5/1 | 112 | 44.8 | 29.2 | 37.9* |

WEISER RIVER

| | | | | | | | |
|----------------|------|------|------|-----|------|------|----|
| Boulder Creek | 16D1 | 5500 | 4/26 | 52 | 20.6 | 11.4 | -- |
| Mica Ridge (A) | 16E6 | 6800 | 5/1 | 111 | 41.8 | 23.6 | -- |
| Squaw Flat (A) | 16E5 | 6230 | 5/1 | 86 | 30.3 | 19.0 | -- |

SOIL MOISTURE

| STATION | PROFILE (Inches) | | | SOIL MOISTURE (Inches) | | | |
|--------------------------|------------------|----------|------|------------------------|-----------|-------------|------|
| | DEPTH | CAPACITY | DATE | THIS YEAR | LAST YEAR | 2 YEARS AGO | |
| <u>LITTLE WOOD RIVER</u> | | | | | | | |
| Garfield R. S. | 6554 | 36 | 5.2 | 4/28 | 4.8 | 5.3 | 5.0 |
| <u>BIG WOOD RIVER</u> | | | | | | | |
| Galena | 7300 | 48 | 10.1 | 4/29 | 6.2 | 8.9 | -- |
| Galena Summit | 8795 | 48 | 5.8 | 4/29 | 1.5 | 2.4 | 1.8 |
| <u>BOISE RIVER</u> | | | | | | | |
| Bogus Basin | 6120 | 48 | 13.1 | 5/1 | 10.2 | -- | -- |
| Bogus Basin Road | 4830 | 48 | 7.1 | 5/1 | 5.8 | 5.5 | 6.0* |
| Moores Creek Summit | 6100 | 60 | 8.8 | 5/1 | 7.5 | 7.7 | -- |
| *April 1 measurement. | | | | | | | |

(b) 1948-62, 15 year period. * Not located directly on this drainage. * Estimated 1948-62, 15 year Average. (A) Aerial observation; Water content estimated. (SP) Pressure Pillow snow-water equivalent. (R) Radioactive Gage snow-water equivalent.

| SNOW | | | CURRENT INFORMATION | | | PAST RECORD | |
|--------------------------------|-----|-----------|---------------------|---------------------|------------------------|------------------------|-----------|
| DRAINAGE BASIN and SNOW COURSE | | | DATE OF SURVEY | SNOW DEPTH (Inches) | WATER CONTENT (Inches) | WATER CONTENT (Inches) | |
| NAME | NO. | ELEVATION | | | | LAST YEAR | AVERAGE b |

MIDDLE SNAKE RIVER BASIN - SOUTHSIDERAFT RIVER

| | | | | | | | |
|-------------------------|------|------|------|-----|------|------|----|
| Boy Scout Camp (A) | 13G2 | 7600 | 6/2 | 52 | 18.3 | 4.5 | -- |
| Clear Creek Meadows (A) | 13H2 | 9050 | 5/2 | 107 | 37.6 | 24.7 | -- |
| Howell Canyon | 13G1 | 8000 | 4/29 | 70 | 24.6 | 8.5 | -- |
| Summit Springs (A) | 12G9 | 6400 | 5/2 | 11 | 3.5 | T | -- |

GOOSE CREEK

| | | | | | | | |
|-------------------------|------|------|-----|----|------|-----|----|
| Badger Gulch | 14G3 | 6660 | 5/1 | 37 | 11.8 | T | -- |
| Bostetter Rgr. Sta. (A) | 14G1 | 7500 | 5/2 | 43 | 15.8 | 0.0 | -- |
| Vi Pont (A) | 13H3 | 7670 | 5/2 | 46 | 16.9 | 0.0 | -- |

SALMON FALLS CREEK

| | | | | | | | |
|------------------------|-------|------|------|----|------|------|-------|
| #Bear Creek (A) | 15H1 | 7800 | 5/1 | 77 | 27.0 | 10.2 | 21.0* |
| Cedar Creek (A) | 14G5 | 7000 | 5/1 | 21 | 8.0 | 0.0 | 2.1* |
| Deadline | 14G4 | 6900 | 4/26 | 52 | 20.8 | 6.8 | 18.8* |
| Goat Creek (A) | 15H13 | 8800 | 5/1 | 69 | 25.4 | 6.4 | 19.4* |
| #Hummingbird Spgs. (A) | 15H15 | 8945 | 5/1 | 93 | 33.0 | 13.2 | 25.1* |
| Magic Mountain | 14G2 | 6700 | 4/26 | 42 | 15.4 | 5.1 | 15.4* |
| #Pole Creek Rgr. Sta. | 15H14 | 8330 | 4/27 | 68 | 24.2 | 12.4 | 22.2* |
| Red Point (A) | 15H18 | 7940 | 5/1 | 51 | 18.0 | 0.0 | -- |
| Wilson Creek (A) | 15G2 | 7500 | 5/1 | 53 | 18.8 | 0.0 | -- |

BRUNEAU RIVER

| | | | | | | | |
|-------------------------|-------|------|------|----|------|------|-------|
| Bear Creek (A) | 15H1 | 7800 | 5/1 | 77 | 27.0 | 10.2 | 21.0* |
| Hummingbird Springs (A) | 15H15 | 8945 | 5/1 | 93 | 33.0 | 13.2 | 25.1* |
| Pole Creek Rgr. Sta. | 15H14 | 8330 | 4/27 | 68 | 24.2 | 12.4 | 22.2* |
| #Seventy-six Creek (A) | 15H3 | 7100 | 5/1 | 23 | 8.0 | 0.0 | -- |

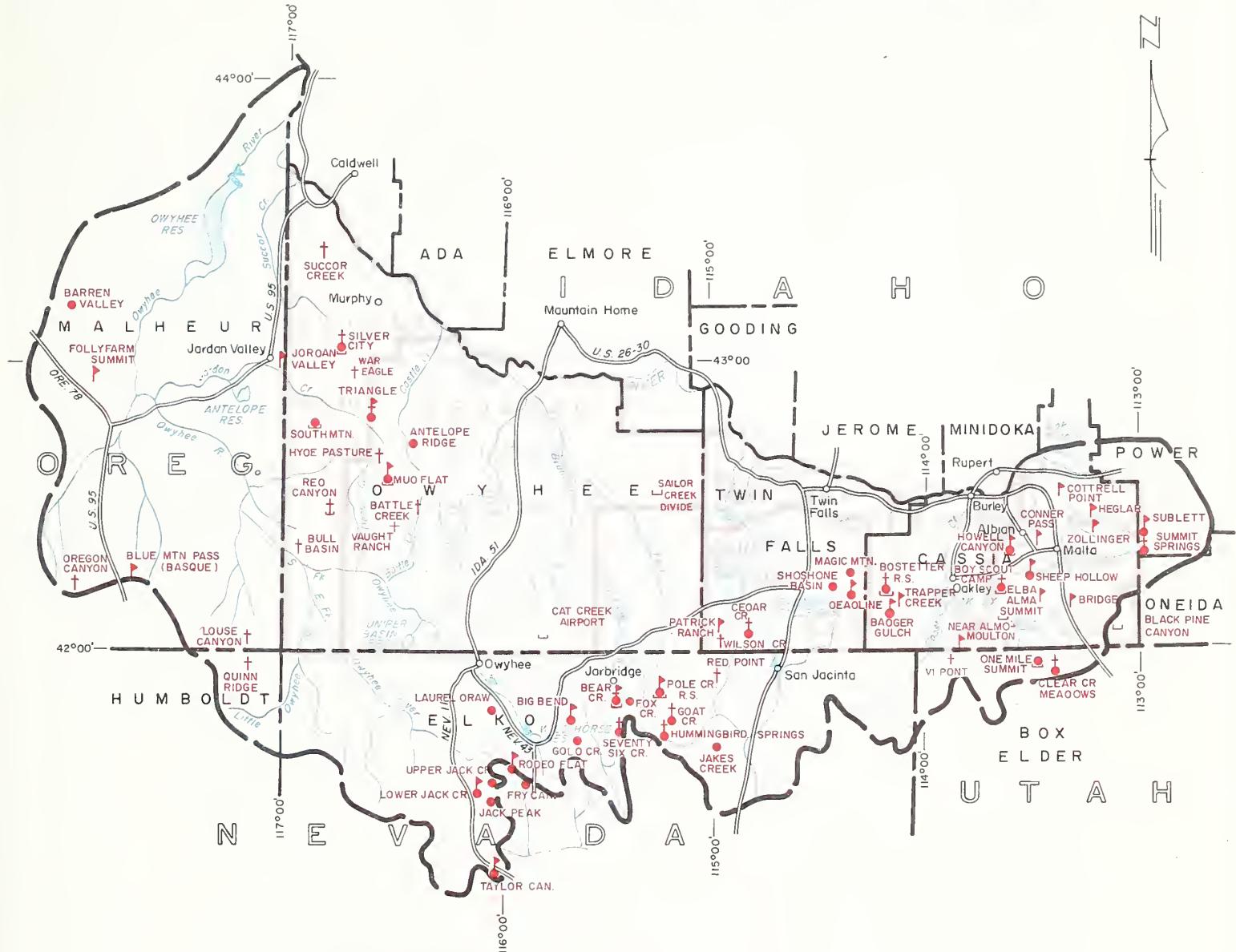
OWYHEE RIVER

| | | | | | | | |
|------------------------|------|------|------|----|------|------|-------|
| #Bear Creek (A) | 15H1 | 7800 | 5/1 | 77 | 27.0 | 10.2 | 21.0* |
| #Seventy-six Creek (A) | 15H3 | 7100 | 5/1 | 23 | 8.0 | 0.0 | -- |
| Silver City | 16F3 | 6400 | 5/2 | 47 | 17.9 | 0.0 | 6.1* |
| South Mountain | 16G1 | 6340 | 4/29 | 44 | 14.2 | -- | 3.8* |

(b) 1948-62, 15 year period. * Not located directly on this drainage. • Estimated 1948-62, 15 year Average. (A) Aerial observation: Water content estimated. (SP) Pressure Pillow snow-water equivalent. (R) Radioactive Gage snow-water equivalent.

MIDDLE SNAKE RIVER BASIN SOUTHSIDE

25 0 25 50 75
SCALE IN MILES



LEGEND

- Watershed Boundary
- Soil Conservation District Bdry
- County Boundary
- ▲ Forecast Point
- Snow Course
- † Aerial Snow Depth Gage
- Soil Moisture Station
- Temperature Gage
- Precipitation Gage
- ◆ Radio Telemetry

WATERSHED LOCATIONS



INDEX to SNOW COURSES

| NU. | STATE | NAME | SEC. LAT. | TWP. OR ANO | RGE. LONG. | ELEV. | NO. | STATE | NAME | SEC. LAT. | TWP. OR ANO | RGE. LONG. | ELEV. | | | | | | | |
|-----------------------------------|-------|--|--------------|-------------------|---------------|-------|----------------------|-------|-----------------------------|------------------|-------------------|---------------|-------|--|--|--|--|--|--|--|
| MIDDLE SNAKE RIVER BASIN | | | | | | | | | | | | | | | | | | | | |
| SOUTHSIDE | | | | | | | | | | | | | | | | | | | | |
| RAFT RIVER | | | | | | | | | | | | | | | | | | | | |
| 13G15p | I | Black Pine Canyon | 28 | 15S | 29E | 7100 | 15H1MAP | N | Bear Creek | 31 | 46N | 58E | 7800 | | | | | | | |
| 13G2AP | I | Boy Scout Camp | 8 | 14S | 24E | 7600 | 15G3p | I | Cat Creek Airport | 9 | 16S | 6E | 5700 | | | | | | | |
| 13H2A | U | Clear Creek Meadows | 26 | 14N | 14W | 9050 | 15H2 | N | Fox Creek | 33 | 46N | 58E | 6800 | | | | | | | |
| 13G6m | I | Conner Pass | 35 | 12S | 25E | 5700 | 15H15A | N | Hummingbird Springs | 6 | 45N | 60E | 8945 | | | | | | | |
| 13G7m | I | Cottrell Point | 24 | 10S | 25E | 4490 | 15H14MP | N | Pole Creek Ranger Station | 13 | 46N | 59E | 8330 | | | | | | | |
| 13G10m | I | Elba-Almo Summit | 29 | 14S | 25E | 5690 | 15G4p | I | Sailor Creek Divide | 21 | 10S | 10E | 4350 | | | | | | | |
| 13G8m | I | Helgar | 19 | 11S | 28E | 4590 | BRUNEAU RIVER | | | | | | | | | | | | | |
| 13G1MP | I | Howell Canyon | 2 | 13S | 24E | 8000 | 16G6 | I | Antelope Ridge | 20 | 8S | 1E | 5900 | | | | | | | |
| 13G12m | I | Moulton | 27 | 16S | 23E | 5950 | 18F5 | O | Barren Valley | 26 | 17S | 38E | 4200 | | | | | | | |
| 13G14p | I | Near Almo | 35 | 15S | 24E | 5200 | 16G9a | I | Battle Creek | 10 | 11S | 1E | 5700 | | | | | | | |
| 13H1P | U | One Mile Summit | 19 | 14N | 14W | 7330 | 15H4M | N | Big Bend | 30 | 45N | 56E | 6700 | | | | | | | |
| 13G5M | I | Sheep Hollow | 4 | 14S | 24E | 6200 | 17G2m | O | Blue Mountain Pass (Basque) | 4 | 38S | 42E | 5290 | | | | | | | |
| 13G3M | I | Sublett | 8 | 12S | 30E | 6000 | 16G10a | I | Bull Basin | 19 | 12S | 5W | 5600 | | | | | | | |
| 13G4A | I | Summit Springs | 15 | 13S | 30E | 6400 | 18G3m | O | Folly Farm Summit | 8 | 30S | 38E | 4450 | | | | | | | |
| 13G9m | I | Zollinger | 2 | 13S | 28E | 5000 | 15H7 | N | Fry Canyon | 31 | 43N | 54E | 6700 | | | | | | | |
| GOOSE - TRAPPER CREEK | | | | | | | | | | | | | | | | | | | | |
| 14G3M | I | Badger Gulch | 24 | 15S | 19E | 6660 | 15H5 | N | Gold Creek | 31 | 45N | 56E | 6600 | | | | | | | |
| 14G1AP | I | Bostetter Ranger Station | 35 | 14S | 19E | 7500 | 16G5a | I | Hyde Pasture | SE $\frac{1}{4}$ | 8S | 2W | 5800 | | | | | | | |
| 14G7m | I | Trapper Creek | 2 | 15S | 20E | 5300 | 16H4 | N | Jacks Peak | 28 | 42N | 53E | 8420 | | | | | | | |
| 13H3a | U | Vi Pont | 17 | 14N | 17W | 7670 | 17G3m | O | Jordan Valley | 2 | 30S | 46E | 4390 | | | | | | | |
| SALMON FALLS CREEK | | | | | | | | | | | | | | | | | | | | |
| 14G5A | I | Cedar Creek | 25 | 15S | 13E | 7000 | 16H5 | N | Laurel Draw | 20 | 45N | 53E | 6700 | | | | | | | |
| 14G4M | I | Deadline | 25 | 14S | 18E | 6900 | 17G4a | O | Louse Canyon | 27 | 40S | 44E | 6440 | | | | | | | |
| 15H13A | N | Goat Creek | 31 | 46N | 60E | 8800 | 16H1M | N | Lower Jack Creek | 18 | 42N | 53E | 6800 | | | | | | | |
| 14H1 | N | Jakes Creek | 6 | 42N | 62E | 7000 | 16G7MP | I | Mud Flat | 34 | 9S | 2W | 5500 | | | | | | | |
| 14G2 | I | Magic Mountain | 14 | 14S | 18E | 6700 | 17G5a | O | Oregon Canyon | 9 | 40S | 40E | 6950 | | | | | | | |
| 15G1m | I | Patrick Ranch | 23 | 15S | 12E | 5720 | 17H6a | N | Quinn Ridge | 9 | 47N | 41E | 6300 | | | | | | | |
| 15H18a | N | Red Point | 15 | 47N | 61E | 7940 | 16G11ap | I | Red Canyon | 32 | 11S | 4W | 6650 | | | | | | | |
| 14G6 | I | Shoshone Basin | 24 | 14S | 17E | 5740 | 15H6M | N | Rodeo Flat | 36 | 43N | 53E | 6800 | | | | | | | |
| 15G2a | I | Wilson Creek | 24 | 16S | 12E | 7500 | 16F3AP | I | Silver City | 6 | 5S | 3W | 6400 | | | | | | | |
| LEGEND | | | | | | | | | | | | | | | | | | | | |
| Numbering System (example) | | | | | | | | | | | | | | | | | | | | |
| 10J7 | | SNOW COURSE ONLY. | | | | | 16G1P | I | South Mountain | 35 | 7S | 5W | 6340 | | | | | | | |
| 10J7P | | SNOW COURSE AND PRECIPITATION GAGE. | | | | | 16F6a | I | Succor Creek | 25 | 3S | 5W | 6100 | | | | | | | |
| 10J7M | | SNOW COURSE AND SOIL MOISTURE STATION. | | | | | 15H9M | N | Taylor Canyon | 35 | 39N | 53E | 6200 | | | | | | | |
| 10J7A | | SNOW COURSE AND AERIAL MARKER. | | | | | 16G4MA | I | Triangle | N $\frac{1}{2}$ | 7S | 3W | 5150 | | | | | | | |
| 10J7MA | | SNOW COURSE, SOIL MOISTURE STATION AND AERIAL MARKER. | | | | | 16H2 | N | Upper Creek | 9 | 42N | 53E | 7250 | | | | | | | |
| 10J7MP | | SNOW COURSE, SOIL MOISTURE STATION AND PRECIPITATION GAGE. | | | | | 16G12a | I | Vaught Ranch | 10 | 11S | 1W | 5950 | | | | | | | |
| 10J7 m | | SOIL MOISTURE STATION ONLY. | | | | | 16G13a | I | War Eagle | 20 | 5S | 3W | 7700 | | | | | | | |
| 10J7 a | | AERIAL MARKER ONLY. | | | | | | | | | | | | | | | | | | |
| 10J7 p | | STORAGE PRECIPITATION GAGE ONLY. | | | | | | | | | | | | | | | | | | |

SOIL MOISTURE

| STATION | | PROFILE (Inches) | | SOIL MOISTURE (Inches) | | | |
|---------------------------|-----------|------------------|----------|------------------------|-----------|-----------|-------------|
| NAME | ELEVATION | DEPTH | CAPACITY | DATE | THIS YEAR | LAST YEAR | 2 YEARS AGO |
| <u>RAFT RIVER</u> | | | | | | | |
| Conner Pass | 5700 | 36 | 9.8 | 5/4 | 8.8 | 8.7 | 10.3 |
| Howell Canyon | 8000 | 48 | 11.5 | 4/28 | 5.7 | 10.6 | 6.0 |
| Sublett | 6000 | 36 | 7.0 | 4/2 | 6.0* | 6.5* | 7.5* |
| <u>GOOSE CREEK</u> | | | | | | | |
| Badger Gulch | 6660 | 36 | 7.0 | 5/1 | 5.6 | 5.5* | 6.9 |
| <u>SALMON FALLS CREEK</u> | | | | | | | |
| Deadline | 6900 | 36 | 7.4 | 4/26 | 7.9 | 7.3 | 8.2 |
| Patrick Ranch | 5720 | 36 | 7.7 | 4/27 | 6.0 | 4.9 | -- |
| Pole Creek R. S. | 8330 | 48 | 12.7 | 4/27 | 6.5 | -- | 8.0* |
| <u>BRUNEAU RIVER</u> | | | | | | | |
| Bear Creek | 7800 | 72 | 16.9 | 3/30 | 10.1* | 12.1* | 14.4* |
| <u>OWYHEE RIVER</u> | | | | | | | |
| Mud Flat | 5500 | 48 | 12.8 | 3/28 | 14.4* | 14.4 | 14.2 |

* April 1 measurement.

SNOW

| DRAINAGE BASIN and SNOW COURSE | | | CURRENT INFORMATION | | | PAST RECORD | |
|--------------------------------|-----|-----------|---------------------|---------------------|------------------------|----------------------------------|------------------|
| NAME | NO. | ELEVATION | DATE OF SURVEY | SNOW DEPTH (Inches) | WATER CONTENT (Inches) | WATER CONTENT (Inches) LAST YEAR | AVERAGE <i>b</i> |

UPPER SNAKE RIVER BASINHENRYS FORK RIVER

| | | | | | | | |
|-----------------|-------|------|------|-----|------|------|-------|
| Big Springs | 11E9 | 6500 | 4/28 | 62 | 25.5 | 9.2 | -- |
| Black Moose | 11E19 | 8125 | 5/6 | 117 | 44.0 | -- | -- |
| Grassy Lake | 10E15 | 7230 | 4/30 | 95 | 37.8 | 26.4 | 33.1* |
| Island Park | 11E10 | 6315 | 4/28 | 45 | 17.3 | 2.9 | -- |
| Latham Springs | 11E16 | 7650 | 5/6 | 107 | 43.0 | -- | -- |
| Lucky Dog | 11E14 | 6900 | 5/6 | 80 | 33.0 | -- | -- |
| Old Road | 11E15 | 7250 | 5/6 | 91 | 40.0 | -- | -- |
| Poacher's Cabin | 11E17 | 8000 | 5/6 | 109 | 44.0 | -- | -- |
| Valley View | 11E8 | 6500 | 4/28 | 62 | 25.6 | 7.8 | -- |

TETON RIVER

| | | | | | | | |
|------------------|-------|------|------|----|------|------|-------|
| Darby Canyon (A) | 10F21 | 8250 | 4/28 | 73 | 28.2 | 18.2 | -- |
| Pine Creek Pass | 11F2 | 6750 | 4/28 | 40 | 16.6 | 0.0 | -- |
| State Line | 11F1 | 6400 | 4/28 | 40 | 16.0 | 0.0 | 7.9* |
| Teton Pass | 10F13 | 8500 | 4/28 | 88 | 34.0 | 25.2 | 37.8* |

BLACKFOOT RIVER

| | | | | | | | |
|-------------------|------|------|-----|----|------|----|----|
| Slug Creek Divide | 11G5 | 7225 | 5/4 | 53 | 21.6 | -- | -- |
|-------------------|------|------|-----|----|------|----|----|

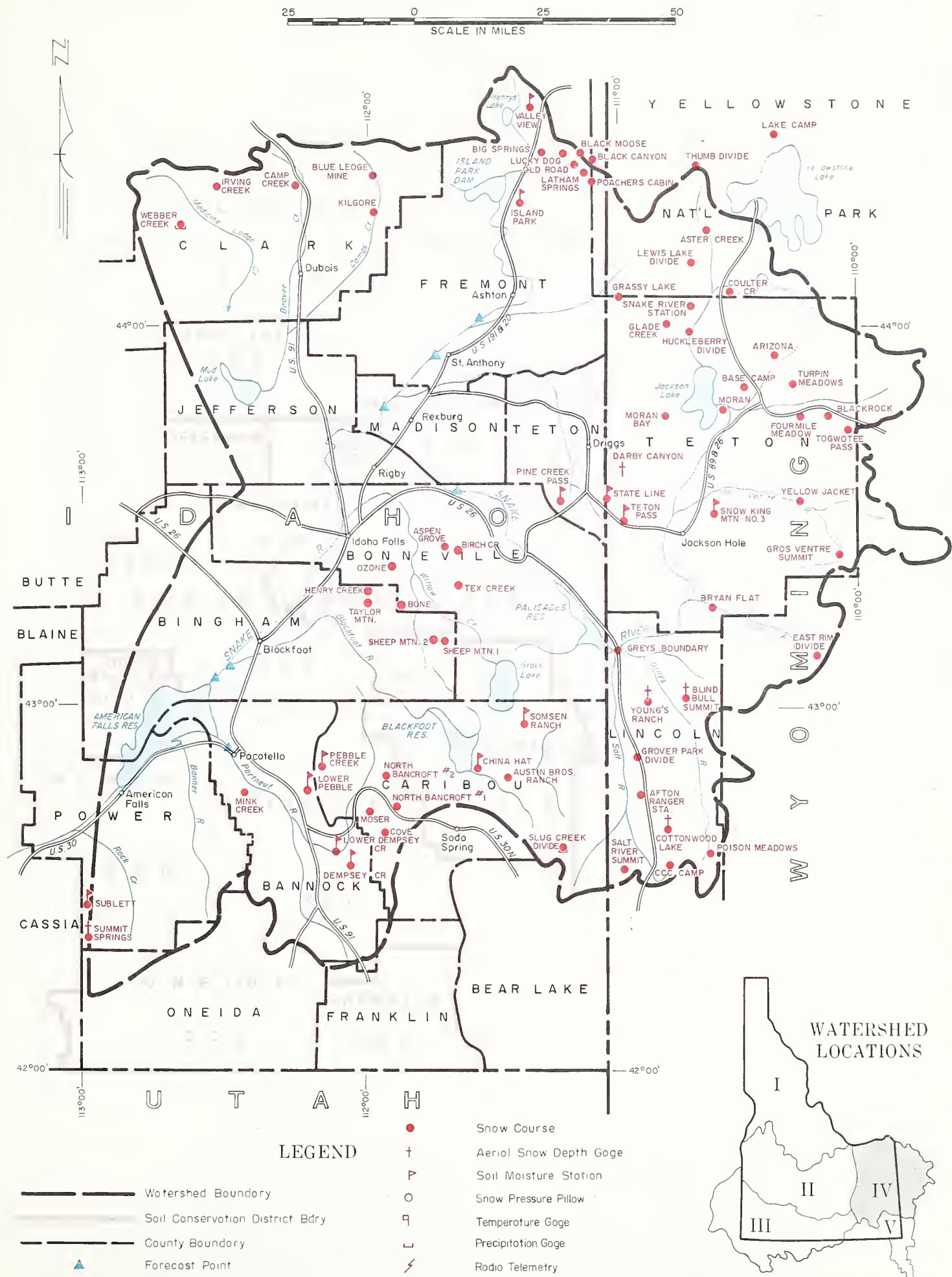
SOIL MOISTURE

| STATION NAME | ELEVATION | PROFILE (Inches) | | SOIL MOISTURE (Inches) | | | |
|--------------------------|-----------|------------------|----------|------------------------|-----------|-----------|-------------|
| | | DEPTH | CAPACITY | DATE | THIS YEAR | LAST YEAR | 2 YEARS AGO |
| <u>HENRYS FORK RIVER</u> | | | | | | | |
| Island Park | 6315 | 48 | 9.9 | 4/28 | 10.0 | 10.0 | 10.4 |
| Valley View | 6500 | 48 | 13.3 | 4/28 | 9.7 | 8.7 | 13.2 |
| <u>TETON RIVER</u> | | | | | | | |
| Pine Creek Pass | 6750 | 48 | 13.3 | 4/28 | 7.6 | 12.6 | 14.0 |
| State Line | 6400 | 48 | 14.8 | 4/28 | 10.8 | 14.7 | 15.1 |
| <u>PORTNEUF RIVER</u> | | | | | | | |
| Lower Pebble | 5800 | 36 | 7.6 | 3/30 | 6.0* | 8.3* | 6.6* |
| Pebble Creek | 6550 | 48 | 7.2 | 3/30 | 3.6* | 6.4* | 5.6* |

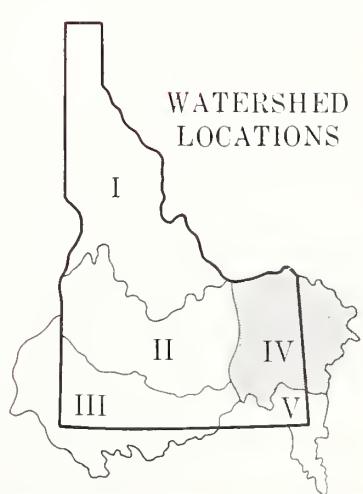
* April 1 measurement.

(b) 1948-62, 15 year period. * Not located directly on this drainage. * Estimated 1948-62, 15 year Average. (A) Aerial observation; Water content estimated. (SP) Pressure Pillow snow-water equivalent. (R) Radioactive Gage snow-water equivalent.

UPPER SNAKE RIVER BASIN



WATERSHED LOCATIONS



INDEX to SNOW COURSES

| NO. | STATE | NAME | SEC. LAT. | TWP. AND LONG. | RGE. OR LAT. | ELEV. | NO. | STATE | NAME | SEC. LAT. | TWP. AND LONG. | RGE. OR LAT. | ELEV. | | | | | | |
|--------------------------------|-------|-----------------------|--------------|----------------------|--------------------|-------|-----------------------------|-------|-----------------------|--------------|----------------------|--------------------|-------|--|--|--|--|--|--|
| UPPER SNAKE RIVER BASIN | | | | | | | | | | | | | | | | | | | |
| SNAKE RIVER - WYOMING | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| 10E4 | Wy | Afton Ranger Station | 30 | 32N | 118W | 6200 | 10F21a | Wy | Darby Canyon | 28 | 43N | 118W | 8250 | | | | | | |
| 10F1 | Wy | Arizona | 3 | 46N | 115W | 6850 | 11F2M | I | Pine Creek Pass | 24 | 3N | 44E | 6750 | | | | | | |
| 10E8 | Wy | Aster Creek | 44° 17' | | 110° 38' | 7700 | 11F1M | I | State Line | 32 | 3N | 46E | 6400 | | | | | | |
| 10F2 | Wy | Base Camp | 20 | 46N | 113W | 6900 | 10F13M | Wy | Teton Pass | 24 | 41N | 118W | 8500 | | | | | | |
| 10F7 | Wy | Blackrock | 4 | 44N | 111W | 8600 | TETON RIVER | | | | | | | | | | | | |
| 10G2A | Wy | Blind Bull | 6 | 34N | 115W | 8750 | 10F21a | Wy | Darby Canyon | 28 | 43N | 118W | 8250 | | | | | | |
| 10F14 | Wy | Bryan Flat | 9 | 38N | 115W | 6250 | 11F2M | I | Pine Creek Pass | 24 | 3N | 44E | 6750 | | | | | | |
| 10E3 | Wy | Canyon | 44° 44' | | 110° 30' | 7750 | 11F1M | I | State Line | 32 | 3N | 46E | 6400 | | | | | | |
| 10G7 | Wy | CCC Camp | 9 | 29N | 118W | 7500 | 10F13M | Wy | Teton Pass | 24 | 41N | 118W | 8500 | | | | | | |
| 10G5A | Wy | Cottonwood Lake | 25 | 31N | 118W | 7500 | CAMAS - BEAVER CREEK | | | | | | | | | | | | |
| 10E10 | Wy | Coulter Creek | 44° 09' | | 110° 33' | 7600 | 11E11 | I | Blue Ledge Mine | 27 | 13N | 38E | 6700 | | | | | | |
| 10F17 | Wy | East Rim Divide | 32 | 37N | 111W | 7950 | 12E3 | I | Camp Creek | 21 | 33N | 36E | 6800 | | | | | | |
| 10F6 | Wy | Four Mile Meadows | 35 | 45N | 112W | 7770 | 11E12 | I | Kilgore | 6 | 12N | 39E | 6200 | | | | | | |
| 10E13 | Wy | Glade Creek | 12 | 48N | 116W | 7200 | MEDICINE LODGE CREEK | | | | | | | | | | | | |
| 10F18 | Wy | Greys Boundary | 33 | 37N | 118W | 5800 | 12E4 | I | Irving Creek | 20 | 13N | 33E | 7035 | | | | | | |
| 10F19 | Wy | Gros Ventre Summit | 36 | 40N | 111W | 8750 | 12E5 | I | Webber Creek | 23 | 12N | 32E | 6700 | | | | | | |
| 10G3 | Wy | Grover Park Divide | 27 | 33N | 118W | 7500 | WILLOW CREEK | | | | | | | | | | | | |
| 10E14 | Wy | Huckleberry Divide | 32 | 48N | 115W | 7300 | 11F10 | I | Aspen Grove | 35 | 2N | 41E | 6600 | | | | | | |
| 10E4 | Wy | Lake Camp | 44° 43' | | 110° 24' | 7850 | 11F3 | I | Birch Creek | 36 | 2N | 41E | 6800 | | | | | | |
| 10E9 | Wy | Lewis Lake Divide | 44° 13' | | 110° 40' | 7900 | 11F8 | I | Bone | 29 | 1S | 40E | 6200 | | | | | | |
| 10F4 | Wy | Moran | 8 & 17 | 45N | 114W | 6800 | 11F4 | I | Ozone | 14 | 1N | 39E | 5800 | | | | | | |
| 10F3 | Wy | Moran Bay | 14 | 45N | 116W | 6800 | 11F9 | I | Sheep Mountain I | 33 | 2S | 41E | 6450 | | | | | | |
| 10E2 | Wy | Norris Basin | 44° 44' | | 110° 42' | 7500 | 11F11 | I | Sheep Mountain II | 33 | 2S | 41E | 6510 | | | | | | |
| 10G6 | Wy | Poison Meadows | 29 | 30N | 116W | 8500 | 11F5 | I | Tex Creek | 6 | 1S | 42E | 6700 | | | | | | |
| 10G8 | Wy | Salt River Summit | 32 | 29N | 118W | 7900 | SAND CREEK | | | | | | | | | | | | |
| 10E12 | Wy | Snake River Station | 9 | 48N | 115W | 6780 | 11F6 | I | Henry Creek | 7 | 1S | 39E | 5650 | | | | | | |
| 10F20 | Wy | Snow King Mountain #3 | 4 | 40N | 117W | 7600 | 11F7 | I | Taylor Mountain | 19 | 1S | 39E | 6500 | | | | | | |
| 10E5 | Wy | Sylvan Pass | 12 | 52N | 110W | 7100 | BLACKFOOT RIVER | | | | | | | | | | | | |
| 10E7 | Wy | Thumb Divide | 44° 22' | | 110° 35' | 7900 | 11G3 | I | Austin Brothers Ranch | 28 | 7S | 43E | 6450 | | | | | | |
| 10F9 | Wy | Togwotee Pass | 29 | 44N | 110W | 9600 | 11G2M | I | China Hat | 17 | 7S | 42E | 6300 | | | | | | |
| 10F5 | Wy | Turpin Meadows | 14 | 45N | 112W | 6930 | 11G5 | I | Slug Creek Divide | 15 | 10S | 44E | 7225 | | | | | | |
| 10G1A | Wy | Young's Ranch | 26 | 34N | 116W | 6530 | 11G1M | I | Somsen Ranch | 25 | 5S | 43E | 7000 | | | | | | |
| HENRYS FORK RIVER | | | | | | | | | | | | | | | | | | | |
| 11E9 | I | Big Springs | 34 | 14N | 44E | 6500 | PORTNEUF RIVER | | | | | | | | | | | | |
| 11E18 | I | Black Canyon | 11 | 13N | 45E | 7850 | 11G25 | I | Cove | 21 | 9S | 39E | 5525 | | | | | | |
| 11E19 | I | Black Moose | 33 | 14N | 45E | 8125 | 12G5M | I | Dempsey Creek | 17 | 10S | 38E | 6280 | | | | | | |
| 10E15 | Wy | Grassy Lake | 6 | 48N | 117W | 7230 | 12G7M | I | Lower Dempsey | 5 | 10S | 38E | 5210 | | | | | | |
| 11E10M | I | Island Park | 29 | 13N | 43E | 6315 | 12G6M | I | Lower Pebble | 7 | 8S | 38E | 5800 | | | | | | |
| 11E16 | I | Latham Springs | 9 | 13N | 45E | 7650 | 12G1 | I | Mink Creek | 33 | 7S | 34E | 6300 | | | | | | |
| 11E14 | I | Lucky Dog | 2 | 13N | 45E | 6900 | 11G24 | I | Moser | 20 | 8S | 39E | 5950 | | | | | | |
| 11E15 | I | Old Road | 12 | 13N | 44E | 7250 | 11G23 | I | North Bancroft #1 | 15 | 8S | 39E | 5460 | | | | | | |
| 11E17 | I | Poacher's Cabin | 11 | 13N | 45E | 8000 | 11G22 | I | North Bancroft #2 | 27 | 7S | 39E | 5430 | | | | | | |
| 11E8M | I | Valley View | 7 | 15N | 44E | 6500 | 12G2M | I | Pebble Creek | 34 | 7S | 37E | 6550 | | | | | | |

LEGEND

Numbering System (example)

- 10J7 SNOW COURSE ONLY.
- 10J7P SNOW COURSE AND PRECIPITATION GAGE.
- 10J7M SNOW COURSE AND SOIL MOISTURE STATION.
- 10J7A SNOW COURSE AND AERIAL MARKER.
- 10J7MA SNOW COURSE, SOIL MOISTURE STATION AND AERIAL MARKER.
- 10J7MP SNOW COURSE, SOIL MOISTURE STATION AND PRECIPITATION GAGE.
- 10J7 m SOIL MOISTURE STATION ONLY.
- 10J7 a AERIAL MARKER ONLY.
- 10J7 p STORAGE PRECIPITATION GAGE ONLY.

SNOW

| DRAINAGE BASIN and SNOW COURSE | | | CURRENT INFORMATION | | | PAST RECORD | |
|--------------------------------|-----|-----------|---------------------|---------------------|------------------------|---------------------------------|------------------|
| NAME | NO. | ELEVATION | DATE OF SURVEY | SNOW DEPTH (Inches) | WATER CONTENT (Inches) | WATER CONTENT (Inches) <i>b</i> | AVERAGE <i>b</i> |

GREAT BASIN**BEAR RIVER**

| | | | | | | | |
|-----------------|------|------|------|----|------|------|----|
| Emigrant Summit | 11G6 | 7350 | 4/28 | 71 | 30.2 | 12.8 | -- |
|-----------------|------|------|------|----|------|------|----|

Montpelier Creek

| | | | | | | | |
|---------------|-------|------|------|----|------|----|----|
| Giveout | 11G16 | 6840 | 4/28 | 29 | 12.1 | -- | -- |
| Little Beaver | 11G20 | 6970 | 4/28 | 42 | 16.4 | -- | -- |
| Whiskey Flat | 11G21 | 6985 | 4/28 | 15 | 5.7 | -- | -- |

Mink Creek

| | | | | | | | |
|------------------------|-------|------|------|-----|------|------|-------|
| Christensen Ranch | 11G11 | 5600 | 4/26 | 10 | 3.9 | 0.0 | 0.0* |
| #Emigrant Summit | 11G6 | 7350 | 4/28 | 71 | 30.2 | 12.8 | -- |
| Liberty Spring | 11G13 | 8600 | 4/27 | 122 | 47.6 | 27.6 | -- |
| Strawberry Creek | 11G9 | 5800 | 4/25 | 27 | 10.9 | 0.0 | 1.3* |
| Strawberry Mink Divide | 11G10 | 6800 | 4/25 | 65 | 28.6 | 4.6 | 13.3* |

Cub River

| | | | | | | | |
|-----------------|-------|------|------|----|------|-----|------|
| Cub River R. S. | 11G12 | 5400 | 4/26 | 0 | 0.0 | 0.0 | 0.0* |
| Willow Flat | 11G4 | 6100 | 4/26 | 26 | 10.5 | 0.0 | 2.4* |

SOIL MOISTURE

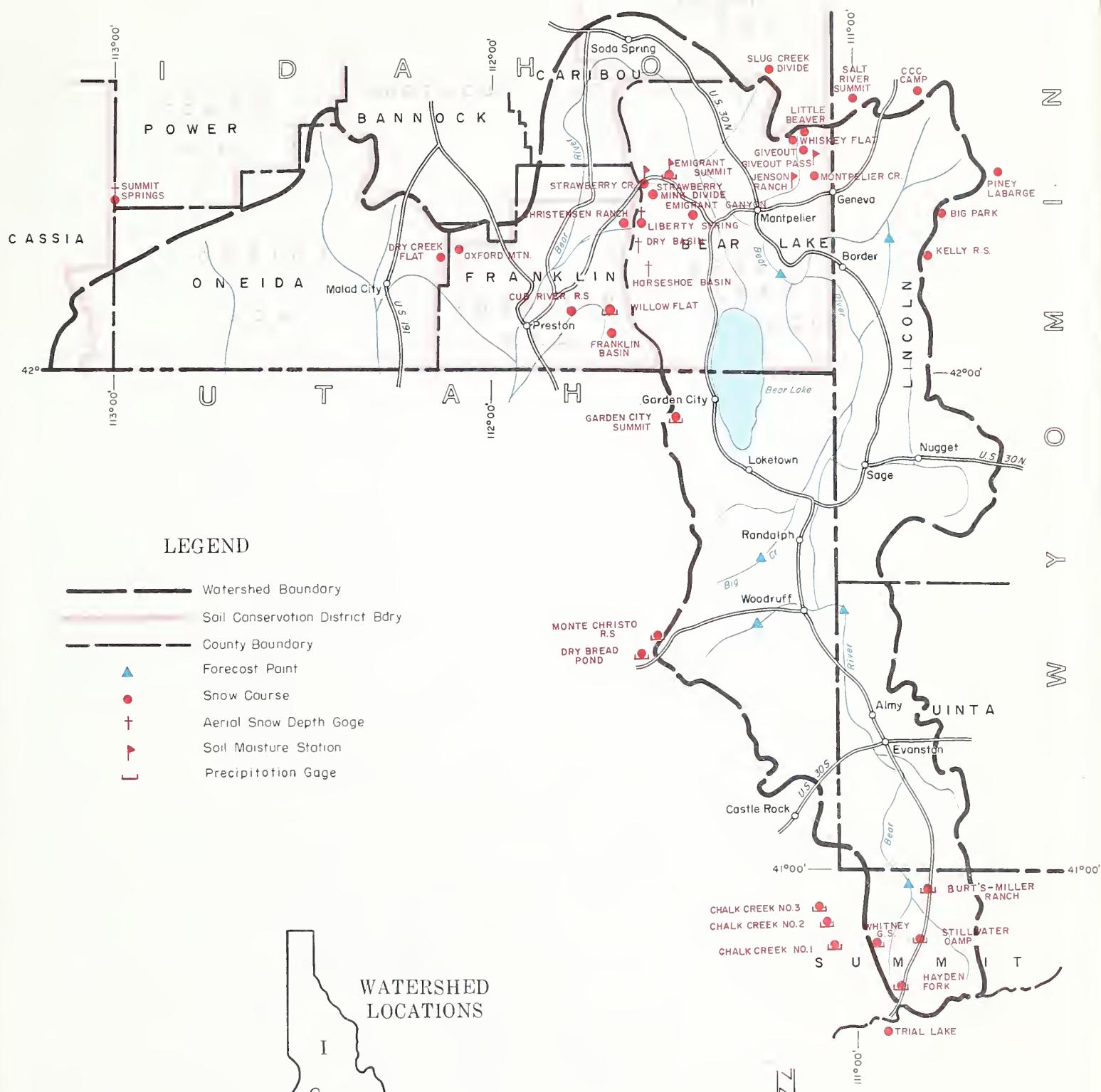
| STATION NAME | ELEVATION | PROFILE (Inches) | | SOIL MOISTURE (Inches) | | | |
|--------------------------------|-----------|------------------|----------|------------------------|-----------|-----------|-------------|
| | | DEPTH | CAPACITY | DATE | THIS YEAR | LAST YEAR | 2 YEARS AGO |
| <u>BEAR RIVER</u> | | | | | | | |
| Emigrant Summit | 7350 | 36 | 8.2 | 4/28 | 4.1 | 6.6 | 6.5 |
| Strawberry Creek | 5800 | 48 | 12.7 | 4/28 | 12.8 | 12.2 | 12.2 |
| <u>Montpelier Creek</u> | | | | | | | |
| Jenson Ranch | 6580 | 48 | 18.7 | 4/28 | 16.7 | 11.3* | 17.1* |

* April 1 measurement.

(b) 1948-62, 15 year period. * Not located directly on this drainage. * Estimated 1948-62, 15 year Average. (A) Aerial observation: Water content estimated. (SP) Pressure Pillow snow-water equivalent. (R) Radioactive Gage snow-water equivalent.

GREAT BASIN

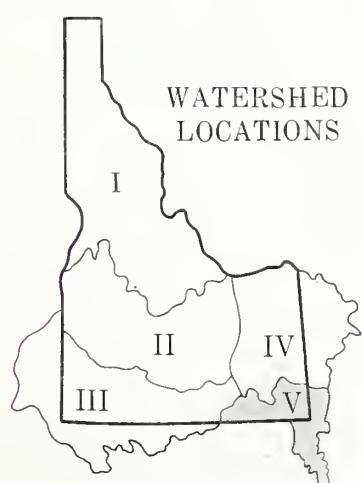
25 0 25 50
SCALE IN MILES



LEGEND

- Watershed Boundary
- Soil Conservation District Bdry
- County Boundary
- Forecast Point
- Snow Course
- Aerial Snow Depth Gage
- Soil Moisture Station
- Precipitation Gage

WATERSHED LOCATIONS



INDEX to SNOW COURSES

| NO. | STATE | NAME | SEC. | TWP. OR ANO | RGE. | ELEV. |
|-----|-------|------|-------------|-------------------|------|-------|
| | | | <u>LAT.</u> | <u>LONG.</u> | | |

GREAT BASIN

BEAR RIVER

| | | | | | | |
|---------|----|---------------------------|----|-----|------|------|
| 10G11 | Wy | Big Park | 7 | 27N | 117W | 8700 |
| 11H13MP | U | Dry Bread Pond | 19 | 8N | 4E | 8230 |
| 11G7 | I | Emigration Canyon (mouth) | 24 | 12S | 42E | 6500 |
| 11H7P | U | Garden City Summit | 35 | 14N | 4E | 7600 |
| 10J6 | U | Burt's-Miller Ranch | 19 | 3N | 10E | 7900 |
| 10J7 | U | Hayden Fork | 1 | 1S | 9E | 9300 |
| 10G12 | Wy | Kelly Ranger Station | 13 | 26N | 118W | 8200 |
| 11H12P | U | Monte Cristo R. S. | 3 | 8N | 4E | 8960 |
| 10G10 | Wy | Piney LaBarge | 19 | 29N | 114W | 8820 |
| 10J17P | U | Stillwater Camp | 32 | 2N | 10E | 8550 |
| 10J28P | U | Whitney G.S. | 4 | 1N | 9E | 9300 |

MONTPELIER CREEK

| | | | | | | |
|--------|---|------------------|----|-----|-----|------|
| 11G16 | I | Giveout | 35 | 11S | 45E | 6840 |
| 11G17m | I | Giveout Pass | 2 | 12S | 45E | 7025 |
| 11G19m | I | Jenson Ranch | 15 | 12S | 45E | 6580 |
| 11G20 | I | Little Beaver | 26 | 11S | 45E | 6970 |
| 11G18 | I | Montpelier Creek | 22 | 12S | 45E | 6570 |
| 11G21 | I | Whiskey Flat | 26 | 11S | 45E | 6985 |

MINK CREEK

| | | | | | | |
|--------|---|------------------------|----|-----|-----|------|
| 11G11 | I | Christensen Ranch | 27 | 13S | 41E | 5600 |
| 11G14a | I | Dry Basin | 30 | 13S | 42E | 7900 |
| 11G6MP | I | Emigrant Summit | 21 | 12S | 42E | 7350 |
| 11G15a | I | Horseshoe Basin | 31 | 13S | 42E | 8000 |
| 11G13A | I | Liberty Spring | 7 | 13S | 42E | 8600 |
| 11G9M | I | Strawberry Creek | 9 | 13S | 41E | 5800 |
| 11G10 | I | Strawberry Mink Divide | 14 | 13S | 41E | 6800 |

CUB RIVER

| | | | | | | |
|-------|---|--------------------------|---|-----|-----|------|
| 11G12 | I | Cub River Ranger Station | 5 | 15S | 41E | 5400 |
| 11G8 | I | Franklin Basin | 1 | 16S | 41E | 3000 |
| 11G4P | I | Willow Flat | 2 | 15S | 41E | 6100 |

MALAD RIVER

| | | | | | | |
|------|---|-----------------|----|-----|-----|------|
| 12G4 | I | Dry Creek Flat | 31 | 13S | 37E | 6350 |
| 12G3 | I | Oxford Mountain | 32 | 13S | 37E | 6800 |

LEGEND

Numbering System (example)

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- 10J7m SOIL MOISTURE STATION ONLY.
- 10J7 a AERIAL MARKER ONLY.
- 10J7 p STORAGE PRECIPITATION GAGE ONLY.

Agencies and Organizations Cooperating in Idaho Snow Surveys

GOVERNMENT AGENCIES

Canada:

Department of Lands, Forests, and
Water Resources, British Columbia
Department of Resources and Development,
Water Resources Division

States:

Idaho State Reclamation Engineer
State of Idaho Department of Fish and Game
University of Idaho
Idaho State University
Montana Agricultural Experiment Station
Montana State Water Conservation Board
Nevada Cooperative Snow Surveys
Oregon Agricultural Experiment Station
Oregon Cooperative Snow Surveys
Oregon State Engineer and Corps of
State Watermasters
Utah Cooperative Snow Surveys
Wyoming Cooperative Snow Surveys

Federal:

U. S. Army Engineers
U. S. Department of Agriculture
Forest Service
Agricultural Research Service
U. S. Department of Commerce
Environmental Sciences Service Administration,
Weather Bureau
U. S. Department of the Interior
Bonneville Power Administration
Bureau of Reclamation
Fish and Wildlife Service
Water Resources Division, Geological Survey
Indian Service
National Park Service
Bureau of Land Management

PUBLIC UTILITIES

The Montana Power Company
Washington Water Power Company
Idaho Power Company
Utah Power and Light Company

ORGANIZED PUBLIC AGENCIES

Big Lost River Irrigation District
Boise Project Board of Control
Little Wood River Irrigation District
Jordan Valley Irrigation District
Salmon Falls Creek Irrigation Company
Twin Falls Soil Conservation District
Twin Lakes Irrigation Company
Big Wood Irrigation Company
Owyhee Project - North & South Board of Control

PRIVATE CORPORATIONS

Amalgamated Sugar Company

*Other organizations and individuals furnish valuable information for
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